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TUESDAY, AUGUST 10, 1976

PART IV:

FEDERAL POWER COMMISSION

■

GAS SUPPLY AND OPERATIONS DATA

CERTAIN CORPORATE AND FINANCIAL REPORTS

Proposed New Forms 153 and 155

FEDERAL POWER COMMISSION

[18 CFR Part 260]

[Docket No. RM76-27]

GAS SUPPLY AND OPERATIONS DATA

Proposed New Form No. 153

JULY 28, 1976.

Notice is hereby given pursuant to the Administrative Procedure Act, 5 U.S.C. 553, and sections 8, 10, 14, 15, and 16 of the Natural Gas Act,[1] that the Commission proposes to add § 260.26 to Part 260 of the Approved Forms under the Natural Gas Act to provide that new FPC Form No. 153 be required for reporting. The proposed new form would be entitled, "Gas Supply and Operations Data."

During a period of critical natural gas shortages, such as the nation is experiencing today, the public interest requires that the Commission have available to it current and continuing information on the operations of companies producing gas for sale in interstate commerce. The interests of those companies regulated by the Commission also require an efficient and progressive means of regulation.

On September 26, 1973, in Docket No. R-438, the Commission issued Order No. 494, amending Part 2, Chapter I, Title 18 of the Code of Federal Regulations and setting forth Commission policy for the development of a fully automated computer regulatory system to provide such information. When developed and fully operative, the system will provide prompt and ready access to data contained in a central electronic data bank, eliminating the duplication of information now collected and reducing the quantity of existing manual files. This system will not only facilitate the evaluation and analysis of all data, but it will also accommodate the development of new regulatory techniques.

In Order No. 494, the Commission stated that all existing "hard copy" public use forms would be redesigned and consolidated to eliminate redundancies and that instructions for reporting would be clarified by use of Electronic Data Processing (EDP) Technology. Public use form in formation, as it is presently submitted, will be replaced by the submission of individual data elements within a general data element and code scheme. It is anticipated that this major system revision will result in the reduction of the total number of data items currently transmitted to the Commission by the respondents.

In Order No. 494, the Commission further stated that the development of the automated computer information system would be effected through the use of phased rulemaking proceedings in which various Commission reporting procedures and report forms would be restructured. To this end, Form No. 153 is designed to incorporate into a readily retrievable data processing system the information elicited by FPC Form Nos. 2,[2] 2A,[3] 8,[4] 11,[5] 14,[6] 15,[7] 16,[8] 17, and System Flow[9] currently used.

It is anticipated that a one-year period of parallel reporting will be required for system evaluation. Assuming successful operation of the new system within such time period, the related schedules within the current FPC Form Nos. 2 and 2A and the FPC Form Nos. 8, 11, 14, 15, 16, 17, and System Flow Diagrams for these respondents would then be eliminated.

Proposed Form No. 153 would consist of 55 schedules, numbered 401–442, 840–851, and 853. No new significant data would be required. This form will provide detailed data on system natural gas supply, system requirements, curtailments actual and projected, importers and exporters of natural gas, and gas stored underground.

All data and information submitted pursuant to the proposed form would be required to be subscribed and verified by a duly authorized executive officer of the respondent as being factually accurate and complete to the best of his or her knowledge in accordance with the Commission's Rules of Practice and Procedure, 18 CFR Part 1.

It had been contemplated by the Commission that all respondents, in using EDP media, would be required to submit their data on magnetic tape. The Commission now proposes that magnetic tape, in addition to a hard copy of the forms used to create the tape, would be required only from those respondents having over $10 million annual gas operating revenues. The manner of the preparation of the tapes would be left to the discretion of the respondents. For all other respondents, an original and four conformed copies of each completed Form No. 153 would be required to be filed with the Commission.

Any interested person may submit to the Federal Power Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, not later than September 27, 1976, data, views, and comments or suggestions in writing concerning all or part of the proposed form. Written submittals will be placed in the Commission's public files and will be available for public inspection at the Commission's Office of Public Information, Room 1000, 825 North Capitol Street, NE., Washington, D.C. 20426, during regular business hours. The Commission will consider all such written submittals before acting on the matters herein proposed. An original and 14 conformed copies should be filed with the Secretary of this Commission. Submittals to the Commission should indicate the name, title, mailing address and telephone number of the person to whom communications concerning the proposal should be addressed and whether the person filing them requests a conference with the staff of the Federal Power Commission to discuss the proposed forms. The staff, in its discretion, may grant or deny written requests for conference prior or subsequent to the filing of formal submittals.

The proposed amendments to Part 250 of the Commission's Approved Forms under the Natural Gas Act would be issued pursuant to the authority granted the Commission by the Natural Gas Act, as amended, particularly sections 8, 10, 14, 15, and 16 (52 Stat. 825, 826, 828, 829, 830; 15 U.S.C. 717g, 717i, 717m, 717n, 717o).

Effective for the reporting year 1976, the Commission proposes to amend Part 260, Statement and Reports (Schedules), in Subchapter G—Approved Forms, Natural Gas Act, Chapter I, Title 18 of the Code of Federal Regulations by adding a new § 260.26 prescribing new FPC Form No. 153, Gas supply and operations data. New § 260.26 will read as follows:

§ 260.26 Form No. 153, Gas supply and operations data.

This form will provide detailed data on system natural gas supply, system requirements, curtailments actual and projected, importers and exporters of natural gas, and gas stored underground.

The filing of this data, as defined in the detailed instructions of this form, is annually on or before April 30 for the previous calendar year; semi-annually on or before April 30 and September 30; monthly on or before the 15th of the month following the report month; or semi-monthly during December–March 5 days after the 15th and last day of these months, and monthly during April–November on the 5th day following the reporting month for Schedule 0411.

The Secretary shall cause prompt publication of this notice to be made in the FEDERAL REGISTER.

By direction of the Commission.

KENNETH F. PLUMB,
Secretary.

[1] 52 Stat. 825, 826, 828, 829, 830; 15 U.S.C. 717g, 717i, 717m, 717n, 717o.

[2] 18 CFR 260.1 (1975).
[3] 18 CFR 260.2 (1975).
[4] 18 CFR 260.11 (1975).
[5] 18 CFR 260.3 (1975).
[6] 18 CFR 260.4 (1975).
[7] 18 CFR 260.7 (1975).
[8] 18 CFR 260.12 (1975).
[9] 18 CFR 260.8 (1975).

Attachment A

FEDERAL POWER COMMISSION

Gas Supply and Operations Data

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
Form 153	TABLE OF CONTENTS	

Level I General Instructions

Level II General Subject Instructions

Level III Detailed Instructions

Schedules 0100, 0401-0422, 0840-0851, 0853, 0000, and 1000

Cross-Reference List

Data Standards

Schedules

0100
0401-0422
0840-0851, 0853
0000
1000

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LEVEL I

GENERAL INSTRUCTIONS

FOR THE

PREPARATION AND SUBMISSION

OF PUBLIC USE SCHEDULES

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(5-76)

I. ADMINISTRATIVE BACKGROUND

The Federal Power Commission (FPC) has established an information system designed to improve the decision-making capabilities of the Commission. This program, the Regulatory Information System (RIS), was authorized by Commission Order 494, September 26, 1973, and features the following characteristics and capabilities:

- A consolidated data collection system designed to eliminate unnecessary or redundant reporting and to provide standardized data collection schedules.
- A comprehensive system for transmitting, processing, and accessing data requested of respondents by the Commission.
- Establishment of a modern computer facility at Commission headquarters featuring consolidated regulatory data bases and the associated automatic data processing (ADP) equipment and programming software necessary to store, validate, and access that data.

These instructions are intended to aid each respondent to understand the scope and objectives of the RIS system regarding source data collection and to provide clear and concise guidance for the completion of the revised public use schedules.

A. DATA COLLECTION CONCEPTS

The FPC public use schedules are designed to be vehicles for data collection, rather than for data display, by the Commission. This objective has guided the design of the layouts and instructions so as to achieve maximum efficiency in both data collection and subsequent processing. Within this basic design philosophy, the public use schedule data collection concept embodies the following design characteristics, some of which are described in greater detail in the subsequent chapters.

1. Optical Character Recognition (OCR) - All schedules have been designed with OCR requirements as one of the design constraints. This will allow for transition to optical scanning as a future alternative for data entry.

2. Separation of Instructions - All instructions are separated from the schedules to which they apply, in order to make efficient use of form space. Instructions consist of three separate levels, as follows:

   - Level I - General (applicable to all schedules).
   - Level II - General subject (applicable to natural gas operations, electric operations, or financial data).
   - Level III - Detailed (applicable to individual schedules).

3. Separation of Footnotes - Footnotes or other extraneous marks or comments intended to qualify or modify data must not be entered directly on any schedule. The public use schedules have been designed to minimize the need for footnotes through the establishment of distinct data elements which represent some data previously reported as footnotes. However where necessary to make the related data more meaningful, footnotes may be entered on a special footnote schedule designed for this purpose. On the primary data schedules, the respondent must enter only a unique footnote reference number to provide a link to the footnote schedule.

4. Reporting Requirements - Reporting frequencies of the new schedules vary from semi-monthly to biennially. For certain schedules, all data must be supplied with each submission. For the other schedules, all data must be supplied with an initial submission, and on subsequent submission of these schedules respondents need report only changes, additions and deletions. These requirements are specifically stated in the Detailed Instructions for each schedule in paragraph B under the heading "II. General Information".

5. Consolidated Schedules - Many of the public use schedules have been designed to consolidate data previously collected on more than one schedule. The consequence of such consolidation is a reduction in the total number of schedules. Furthermore, portions of some schedules may be inapplicable to certain respondents, as specified in the detailed instructions.

B. APPLICABILITY OF INSTRUCTIONS

The Commission will provide to each respondent all three levels of instructions, appropriate to the type of operation. For example, an electric utility will receive:

- Level I - General Instructions
- Level II - General Subject Instructions (Electric Operating Data)
  - General Subject Instructions (Corporate and Financial Data)
- Level III - Detailed Instructions (Electric Operating Schedules)
  - Detailed Instructions (Corporate and Financial Schedules)

Each respondent will also receive footnote schedules (with instructions) and free form (blank) schedules for the submission of narrative or graphic support data that will not be loaded into the Commission's data bases.

As the public use schedules undergo change in future reporting periods through the rulemaking process, modified layouts and instructions will be prepared by the Commission and mailed to the respondents, together with appropriate documentation that describes the authorization and the details of all such changes, additions, or deletions. The Commission will prepare the instructions in a manner suitable for looseleaf binders, so that they can be easily maintained by the respondents.

II. STANDARD DEFINITIONS

The following standard definitions are provided to aid the respondent in understanding the data collection concepts contained in these instructions.

A. RESPONDENT - Each corporation, person, agency, authority, or other legal entity or instrumentality, whether public or private, which is required, under the provisions of the Federal Power Act, the Natural Gas Act, or Commission Order, to submit information to the Federal Power Commission via public use forms. Respondents also include those organizations that voluntarily or upon request, provide data to the Commission.

B. PUBLIC USE SCHEDULE - A collection of functionally related data elements organized and formatted into an arrangement suitable for the collection of data; the instructions for preparation of a schedule are included in this definition.

C. DATA FIELD - Within a record or schedule, a specific area used for representing a particular data value, i.e., the spaces provided for data entry on a schedule.

D. DATA ELEMENT - A basic unit of identifiable and definable information. Data elements identify the data fields within a schedule.

E. DATA ITEM - The expression of a particular value of a data element. In cases where a data element identifies a column or row on a schedule, a data item is a specific entry within the column or row.

F. LOGICAL ENTRY - A collection of related characteristics, defined by data elements, associated with a specific "key" item of information. For example, "name", "address", "date of incorporation", and "total assets" are all attributes of the key item "company", which is identified by a company code. This entire collection of data elements is called a logical entry. Within the public use schedules, logical entries are blocks of data that may be repeated several times on a page.

G. KEY ITEM IDENTIFICATION - A data element that provides a unique reference point for purposes of accessing or retrieving data. Within the public use schedules, the key item(s) uniquely identify groups of related data elements which by definition are logical entries. Normally, key items appear first within a logical entry and must always be completed by the respondent. The Detailed Instructions for each schedule explicitly identify those data elements that are "key".

Other, more specific, definitions of technical and financial data elements are contained in the Level II - General Subject Instructions.

III. GENERAL PROCEDURES FOR SCHEDULE PREPARATION

Many of the public use schedules have been designed so that different types of respondents can use the same basic schedules and instructions for the collection of identical data. For such schedules, the Detailed Instructions explain the unique data preparation requirements applicable to each type of respondent.

A. SCHEDULE SUBMISSION

The Commission will forward annually an appropriate number of copies of each schedule required of the respondent for the given reporting period.

All respondents shall forward the number of copies ordered by the Commission of each public use schedule to the Commission. Respondents submitting schedules on magnetic tape must also submit an attested working copy, appropriately completed, of the supplied schedules from which the tapes were prepared.

The specific report period for each schedule is listed in the General Subject Instructions (Level II) for the natural gas operations, electric operations, or financial data. The reporting period must be entered by the respondent on each schedule. Care must be exercised to ensure that the report period on each schedule (month, day, year) represents the ending date of the period to which the data applies, not the date the schedule was completed.

Prior to forwarding the schedules to the Commission, the respondent must complete Schedule 0100, Index of Public Use Schedules Submitted. A data field-by-data field instruction for Schedule 0100 shall be found in the Level III, Detailed Instructions for this schedule. All schedules should be carefully assembled, packaged, and forwarded to the following address:

Federal Power Commission
825 North Capitol Street, N.E.
Washington, D. C. 20426
Attn: Office of the Secretary

FEDERAL POWER COMMISSION
825 North Capitol Street, N.E.
Washington, D.C. 20426

ATTESTATION UNDER OATH

This report must be attested to under oath by an officer of the company. _____
(Insert here the name of the attester)

being first duly sworn according to law, certifies that he is _____
(Insert here the official legal title of attester)

of _____; that he has full power and authority to make the
(Insert here the exact legal title or name of respondent)

attestation; that he has read this report and is familiar with the contents therein; that to the best of his knowledge, information and belief, all estimates and matters therein set forth are true and correct and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including _____, 19 ___, to and including _____, 19 ___.

_____
(Signature of attester)

Subscribed and sworn to before me

this _____ day of _____, 19 ____.

_____
NOTARY PUBLIC

(SEAL)

FIGURE III-1. NOTIFICATION OF ATTESTATION

B. REPORTING MEDIA

The acceptable media for reporting public use data are magnetic tape with a working copy of the schedules or typed schedules.

Many respondents are capable of preparing the data via magnetic tape and have been directed by the Commission to do so. In addition, the respondent must attach associated attested working copy of the FPC supplied schedules from which the tapes were prepared.

C. SUPPORTING DOCUMENTATION

Additional statements, maps, diagrams, charts or other documentation supportive to the data schedules not otherwise specifically required or provided for should be inserted directly behind the schedules to which they apply. Respondents shall utilize FPC Schedule Number 1000 in all cases except those requiring oversize documents such as large maps. In all cases, the schedule number and page number of the schedule to which the supporting documentation applies must be entered, as well as the reporting period. Supporting documentation must not be stapled to the corresponding schedules.

D. ATTESTATION

The complete set of schedules filed for a given reporting period must be subscribed and verified by the duly authorized executive officer of the respondent, or of one of the respondents where a consolidated schedule is filed, who is qualified and authorized to prepare or supervise the preparation of the schedules and to certify their accuracy, completeness, and truthfulness. Such attestation will be submitted in the format specified in the Attestation Under Oath, displayed in Figure III-1.

Information submitted on magnetic tape must be accompanied by a working copy of each schedule used to create the magnetic tape. A single Attestation Under Oath will apply to all information, regardless of filing medium, submitted in the reporting period.

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E. RESPONDENT COMMENTS AND SUGGESTIONS

The Regulatory Information System represents a significant departure from the previous methods of gathering and using information by the Commission. Like all new systems, areas for improvement will undoubtedly be discovered during actual operation. All respondents are encouraged to supply comments and suggestions to the Commission of specific data collection or schedule design problems.

All questions concerning schedule design, data entry rules, filing requirements, or administrative matters, should be directed to the Office of Regulatory Information Systems at Commission headquarters. The telephone number for inquiries at the Commission is (202) 275-4138.

This telephone number and the schedule mailing address will be the main contact points between the Commission and the respondents for matters relating to the data collection. Questions that cannot be handled directly will be routed to the appropriate bureau or office personnel for resolution.

IV. RULES FOR DATA PREPARATION

The respondent is instructed to rigorously conform to the following general rules for data entry when preparing the schedules prior to the time that the schedules are forwarded for typing.

A. DATA FIELD LENGTH

Do not exceed the data field lengths allocated for each data element. When the data field size is inadequate, leave the data field blank and enter the true value in a footnote.

B. JUSTIFICATION (DATA POSITIONING)

Right justify every numeric data field; that is, place the data in the right portion of the data field so that no blank spaces follow the last character. Unfilled leading characters should be left blank. All alphabetic data fields must be left justified; that is, they begin at the left boundary of the data field.

C. ALPHABETIC AND NUMERIC

The Detailed Instructions for each schedule define each data field as either alphabetic (A) or numeric (N). The instructions also specify the data field length, including implied decimal positions for fractional numbers. For example, (N7.3) means a numeric field with seven characters to the left and three characters to the right of the implied decimal position. (N6) implies a six digit integer number and (A22) defines a twenty-two character alphabetic data field.

Do not enter alphabetic or special characters in a data field defined to be numeric by the instructions. The only exceptions to this rule are a minus sign or an asterisk, as described later. Numeric data fields must be right-justified and can be preceded by blank spaces. A data field defined as alphabetic may include any

combination of numeric and alphabetic characters. If necessary, words should be abbreviated to fit an alphabetic data field within the allocated space.

D. NEGATIVE ENTRIES

To indicate a negative numeric value, type over the preprinted minus sign in the right-most character of the data field immediately after the last significant digit; for example, [4917-] . Positive numbers require no sign within the data fields; simply right-justify the number. Only certain data fields may legitimately contain negative numbers. Those data elements that may be expected to generate negative numbers are identified in the Detailed Instructions and in the schedules, where a character position is reserved for the minus sign, which is printed.

E. NULL ENTRIES

Data fields that are not applicable to a given respondent's situation must be left blank. Do not write in "N/A", or "NONE", or "NO DATA", or any other null response. Numeric data fields that do apply to the respondent but for which the respondent has a legitimate value of zero must be so entered with zero, including all decimal positions. Numeric, alphabetic, or alpha-numeric data fields that do not apply must be left blank.

F. PERCENTAGES AND FRACTIONS

Numeric data fields expressed in percentages may contain a variable number of decimal positions. In the schedules, all decimal points are implied by a preprinted character (▲) that does not occupy a character position within the data field. For example: NN▲NNN

The factional portion to the right of the decimal point should always be rounded to the last significant digit. For example, 11 2/3 should be entered as [11▲667] . Under no circumstances must a portion of a whole number be expressed in fractional notation for any numeric data field. Rather, use the decimal representation, as

illustrated by the preceding example of a percentage. For example, never enter 12 1/3 in a schedule; instead enter [12▲333] , assuming three decimal positions are requested.

G. SPECIAL CHARACTERS

As illustrated in the preceding section, all of the public use schedules have been designed with preprinted decimal point locators, where applicable. The respondent is specifically requested not to enter dollar signs, decimal points (.), commas (,), parentheses, technical symbols, or any other special characters on the schedules unless called for by the Detailed Instructions. For example, the number $53,429.48 would be entered as [53429▲48] and the number $45,237 would be entered as [45237▲00] .

H. MULTIPLE PAGES

Multiple pages may often be necessary for the respondent to provide all of the data for a particular schedule. Additional pages may be requested of the Commission at any time. To minimize such requests, the Commission will analyze historical submission patterns and volumes for each schedule and attempt to tailor the number of pages mailed out with the number of pages submitted in the past. Each page of a schedule must be numbered in the upper right hand corner.

I. LISTS OF LEGITIMATE VALUES

A copy of the Register of Data Standards will be made available to each respondent. The Register must be a standard reference tool for personnel completing the schedules to assure valid data entries. Respondent-entered data that is inconsistent with values contained in the Register will be rejected, since validation procedures are also based on the Register.

Normally, the Detailed Instructions will not contain the lists of legitimate values, but will refer to the Register of Data Standards. However, certain data item lists were incorporated directly in the Detailed Instructions for the convenience of the respondent. In these cases the data item list mnemonic appears in parenthesis.

The respondent must use the approved values and is also cautioned not to alter the units of measure (e.g., MMcf or KW) defined in the Detailed Instructions.

V. DATA MAINTENANCE ACTIVITIES

When preparing the public use schedules, the respondent must be familiar with the procedures necessary to modify data on the Commission's data bases and to prepare footnotes, where necessary. These topics are covered in this chapter.

A. MODIFICATION OF DATA

New data may be entered directly on any of the public use schedules by the respondent. The respondent must be certain that all data fields identified as key by the instructions are properly completed. For each new entry all data must be completed for the initial submission. For subsequent submissions of this data, the following general rules apply.

Changes to existing data residing in Commission's data bases can be entered directly on any public use schedule. To determine whether a data element has changed, the respondent is to refer to the data reported for the last submission.

For data identified by the Detailed Instructions as periodically required to be submitted, the respondent must completely resubmit all requested data regardless of whether or not the data have actually changed. In other Detailed Instructions subsequent submissions require the respondent to submit only appropriate identification (key data fields) and changed data fields. For this type of data, the Commission maintains only the latest current values in the data base, and the last reported data will continue to be propagated as the current data. To delete the current value of a data element, the respondent must enter an asterisk (*) in the left-most position of the data field, regardless of the numeric or alphabetic nature of the data. The following example illustrates how to delete any single occurrence of a data element:

Data Field Title
*

To delete a data element in more than one logical entry, an asterisk must be entered by the respondent for each occurrence of the data element.

To delete an entire logical entry, a retired generator for instance, the respondent must type a "D" over the preprinted "D" contained to the right of each logical entry and must specify all key items necessary to uniquely identify the logical entry. The Detailed Instructions indicate which data elements are key items. When processed, all of the data for the entire logical entry will be deleted from the data base. No facility is provided for deleting, in a single action, all of the data for an entire respondent or for any major grouping of data above the logical entry level, such as the data for an entire plant. To accomplish major delete actions, the respondent must delete each logical entry separately. If such step-by-step action proves cumbersome for the respondent in view of a major delete action (a plant closure, for example), the respondent should notify the Commission in writing of the delete action and request appropriate steps to update the data bases.

B. FOOTNOTES

Footnotes cannot be placed directly on any public use data schedule. Instead, a single, separate schedule (FPC Schedule Number 0000) is used for footnote entry. The preparation of a respondent supplied footnote requires entry on both the source schedule and the footnote schedule.

All data schedules contain two blocks to signify the presence of a footnote. These footnote indicator data fields are called the General Footnote and the Specific Footnote. The General Footnote data field enables the respondent to supply additional information that pertains to either the entire schedule and/or to a particular column (all occurrences of a data element) within the schedule. The Specific Footnote may be for either a complete logical entry and/or a specific data element within any logical entry.

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The footnote number must be assigned uniquely and cannot be repeated across schedules. For example, if Schedule 0102 has footnote numbers 014 and 015 assigned, the footnotes for schedule 0103 should begin at 016. The respondent must not number the footnotes starting from 001 for each schedule. All footnote reference numbers throughout all schedules submitted in a single reporting period must have unique numbers.

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VI. DATA KEYING AND VERIFICATION INSTRUCTIONS

Data keying may be utilized by respondents who submit data via magnetic tape. The following keying (and, therefore, verification) instructions apply to all redesigned public use schedules, regardless of actual data content. Keying will produce 80-character records (refer to magnetic tape submission requirements).

Each record must always contain the same control data fields in columns 1-11. These data fields are:

- Data Field A - Schedule Number (Record Position 1-4)
- Data Field B - Page Number (Record Position 5-8)
- Data Field C - Line Number (Record Position 9-10)
- Data Field D - Record Type (Record Position 11)

Data Keying and Verification Instructions are described in Figure VI-1.

When keying from the Public Use Schedules, follow the general rules given below.

- Data Field A, Schedule Number, (Record Position 1-4) and Data Field B, Page Number, (Record Position 5-8) are obtained from the header area of the schedule. The schedule number is obtained from the upper left corner of the schedule and the page number from the upper right corner of the schedule.
- Data Field C, Line Number (Record Position 9-10) is preprinted to the left of each line in the margin of the schedule (even numbers such as 2, 4, 6, etc. are the only valid entries).
- In Data Field D, (Record Type) an "A" should be keyed in Position 11 of the first record keyed for a line.
- In record positions 12-80 of the record, key all data field separators (|) and all data that has been filled in by the respondent.

DATA KEYING AND VERIFICATION INSTRUCTIONS

DATA FIELD	DATA FIELD NAME	COLUMNS FROM	COLUMNS TO	NUMBER OF COLUMNS	*	SPECIAL INSTRUCTIONS
	Common Data					
A	Schedule Number	1	4	4	N	Preprinted at the top left of all schedules
B	Page Number	5	8	4	N	Printed at top right of all schedules
C	Line Number	9	10	2	N	Preprinted on left margin of all schedules (even numbers)
D	Record Type (A = first record, B = second record)	11	11	1	A	A = First record for line B = Second record for line
E	Line Data	12	80	69		Key all data fields and their data field separators. Compress data as described in keying instructions.

* A - Alpha
N - Numeric

FIGURE VI-1. DATA KEYING AND VERIFICATION INSTRUCTIONS

- At the end of each line on the schedule, key a line terminator symbol (@).

  Note: In some instances, a second record (Record Type B) will be required solely for the line terminator symbol (@).

- Normally, only one record will be required for a line. Should a second record be required for a line, duplicate Positions 1-10 from the "A" record, and key a "B" Position 11 of the second record.
- Do not key data fields which are preprinted, including data field separators.
- Do not key odd numbered lines (i.e., 3, 5, 7, 9, etc.).
- Do not key lines in which the resondent has entered no data.

In the examples shown, a lower case b represents a blank.

A. DATA FIELD CONTENTS

The data keyed into Positions 1-11 of the keyed records is keyed according to the fixed format specified above. But the data keyed in the remainder of the positions of the records (12-80) are keyed in a variable format. That is, leading and trailing blanks in data fields are not keyed. For example, if a ten-position alpha-numeric data field on the schedule contains a single letter, only that letter is keyed:

"Abbb" is keyed "A|"

B. DATA FIELD SEPARATOR (|)

The variable format explained in A above, requires that the sum of each data field (in Positions 12-80) be indicated by following the data field contents with a data field separator symbol (|).

The data field separator is the vertical bar symbol, which is to be represented by a 12-7-8 punch, and a hexadecimal 4F in EBCDIC.

See the example in A above, or those that follow, for illustrations of the use of the data field separator.

C. LINE TERMINATOR (@)

The end of a schedule line must be represented in the keyed record. The vertical bar (data field separator) following the last data field is to be followed with a line terminator symbol. This can require that a "B" record be keyed to provide the line terminator symbol (@).

The line terminator is the "@" symbol, which is to be represented by a 4-8 punch, and a hexadecimal 7C in EBCDIC.

D. CONTINUATION RECORD

In most cases, one line on a schedule will be represented by one 80-character record, but in some cases two records will be necessary to represent a single schedule line. In the first (or only) record, an "A" is keyed into Position 11. In the continuation record (there will not be more than one per line), after duplicating Positions 1-10 from the "A" record, key a "B" in Position 11 then continue keying from the schedule line. (Note that for two-record lines, Position 80 of the "A" record may occur in the middle of a data field on the schedule.)

E. BLANK LINES

Every data field in a schedule line, including blank data fields, must be represented in the keyed records. For a blank data field, key only a data field separator symbol (|). For example, if the first three data fields on a schedule line were blank they would be represented in the keyed record by three consecutive data field separators (in Positions 12-14).

F. DECIMAL POINTS IN NUMERIC DATA FIELDS

Many numeric data fields contain decimal points, indicated on the schedules by a preprinted ▲. (The only valid indication of a decimal point is the preprinted ▲. Use of a period is an error on the part of the individual filling in the data.) Because it is preprinted, it is not keyed. In order that the data field contents be

properly entered in the RIS data base, all positions to the right of a preprinted decimal in a data field on a schedule must be keyed.

G. CONSOLIDATED EXAMPLE

This example illustrates the rules given above, as applied to an entry on line 16 of page 2 of a hypothetical Schedule 99.

Data Field Type:
a n n n n n n n n n n

Data Field Length:
35 10 10 8.2 3.3 10 10 10 10 10 10

Data Field Contents:
MIDWESTERN INTERNATIONAL 350 * 673▲21 24▲2bb 750000 b b 550000 622490 3575829400

Keyed Records: A Record -
0099000216AMIDWESTERNbINTERNATIONAL|350|*|67321|24200|750000||550000|622490|

B Record -
0099000216B3575829400|@

H. CHARACTER SET

Keying should be accomplished using the standard EBCDIC alphabetic and numeric character set. The following are the only valid special characters which can be used:

EBCDIC SPECIAL CHARACTER

CHARACTER	EBCDIC HEX REP	CARD PUNCH	CHARACTER	EBCDIC HEX REP	CARD PUNCH
.	4B	12-3-8	-	60	11
(	4D	12-5-8	/	61	0-1
+	4E	12-6-8	,	6B	0-3-8
&	50	12	%	6C	0-4-8
$	5B	11-3-8	?	6F	0-7-8
*	5C	11-4-8	:	7A	2-8
)	5D	11-5-8	'	7D	5-8
;	5E	11-6-8	=	7E	6-8
			"	7F	7-8

Data Field Separator:
| 4F 12-7-8

Data Line Terminator:
@ 7C 4-8

I. MAGNETIC TAPE SUBMISSION

The magnetic tape to be submitted shall be compatible with IBM 370/OS using 9-track standard IBM OS labels or using 9-track non-labelled tapes in EBCDIC code format at 800 or 1600 bpi. The logical record length shall be 80 characters. The blocking factor should be compatible with IBM OS tape blocking conventions.

All respondents submitting magnetic tape(s) must enclose with the tape the following information: name of company, name of contact about the magnetic tape and telephone number. Additionally the following information must be specified for labelled and non-labelled tapes:

LABELLED AND NON-LABELLED TAPES

- whether 800 or 1600 bpi
- whether labelled or non-labelled

LABELLED TAPES

- internal volume/serial number of tape
- data set name

NON-LABELLED TAPES

- block size in characters (length of physical record)
- external volume/serial number of tape

LEVEL II

GENERAL SUBJECT INSTRUCTIONS

FOR

NATURAL GAS PIPELINE AND PRODUCER SCHEDULES

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APPENDIX 1. List of Natural Gas Pipeline and Producer Schedules

Schedule Number	Schedule Name
0401	Pipeline Gas Supply Synopsis
0402	Pipeline System Deliverability Summary
0403	Pipeline Deliverability Forecast
0404	Supply Source Identification and Five Year Volume Scheduling
0405	Pipeline Reservoir Data
0406	Gas Supply Source Deliverability Estimate
0407	Other Supply Sources - Committed Reserves and Deliverability Estimates
0408	Importer/Exporter Gaseous Phase Natural Gas
0409	Importer/Exporter Liquified Natural Gas
0410	Annual Underground Storage Summary
0411	Underground Storage Data - Monthly and Semimonthly
0412	Products Extracted from Natural Gas
0413	Manufactured Gas Production
0414	Liquefied Petroleum Gas Operations
0415	Number of Gas and Oil Wells
0416	Ownership of Gas and Oil Wells
0417	Gas Line Mileage by Pipe Diameter
0418	Transmission System Peak Deliveries
0419	Pipeline Service Interruptions
0420	Transmission Line Interconnections
0421	Transmission Line Take-Off Points and Customers
0422	Transmission Line Storage Field Withdrawal Data
0423	Compressor Station Annual Data
0424	New Transmission Compressor Units Installed
0425	Annual Pipeline Customer Profile
0426	Monthly Customer Profile
0427	Summary of Gas Supply Requirements and Curtailments
0428	Gas Supply and Requirements - Contingency
0429	Gas Supply and Requirements - Deliveries - Curtailments
0430	Gas Supply and Requirements - Major Producing Areas
0431	Gas Supply and Requirements - Pipeline Suppliers
0432	Gas Supply and Requirements - Other Sources
0433	Gas Supply and Requirements - Firm Requirements
0434	Gas Supply and Requirements by Pipeline Customers
0435	Gas Supply and Requirements - Adjustments to Supply
0436	Gas Supply and Requirements - Storage Service
0437	Gas Supply and Requirements - Other Firm Services
0438	Gas Supply and Requirements - Other Adjustments
0439	Gas Supply and Requirements - Storage by Field
0440	Gas Supply and Requirements - Storage Operations Adjustments
0441	Monthly Interstate Pipeline Curtailments
0442	Annual Underground Storage Totals
0501	Independent Producers Natural Gas Sales Summary

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Schedule Number	Schedule Name
0502	Independent Producers Rate Schedule Identification and Contract Data
0503	Independent Producers Rate Schedule Pricing Provisions and Actual Quality Data
0504	Independent Producers Rate Schedule Filed Rates Data
0505	Independent Producers Rate Schedule Sales of ET AL. Parties
0507	Independent Producers Rate Schedule Rate Change Filing
0508	Application for Small Producer Certificate - Part I
0509	Application for Small Producer Certificate - Part II
0510	Application for Small Producer Certificate - Part III
0511	Application for Small Producer Certificate - Part IV
0512	Application for Small Producer Certificate - Part V
0513	Application for Small Producer Certificate - Part VI
0514	Small Independent Producer Sales Data
0840	Sales of Natural Gas By Communities
0841	Field and Main Line Industrial Sales of Natural Gas
0842	Natural Gas Sales for Resale
0843	Sales for Resale - Multiple Points of Delivery
0844	Gas Stored for Others
0845	Take-Off-Points - Small Group and Conjunctive Sales
0846	Unauthorized Overruns - Penalties and Waivers
0847	Capacity of Underground Storage Reservoirs
0848	Natural Gas Pipeline System Map
0849	Gas Procurement Activity Statement
0850	Gas Supply Producing Areas - Maps
0851	Ownership of Underground Storage Reservoirs
0853	Disclosure of Other Gas Supply Filings with Federal Agencies

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I. GENERAL INFORMATION

These instructions apply to those schedules:

- o Containing Pipeline operational, reserve, and import/export data
- o Providing details of Producer sales, rate and quality data
- o Data required for Application for Small Producer Certificates.

The groups of Pipeline and Producer schedules represent a comprehensive selection of data covering pertinent operational and technical information of the respondent.

The classification of respondents are:

Class A - Natural Gas Companies having annual gas operating revenues of $2,500,000 or more.

Class B - Natural Gas Companies having annual gas operating revenues of $1,000,000 or more but less than $2,500,000.

Class C - Natural Gas Companies having annual gas operating revenues of $150,000 or more but less than $1,000,000.

Class D - Natural Gas Companies having annual gas operating revenues of $25,000 or more but less than $150,000.

The schedules are organized into two major categories and then divided into four subgroups based upon respondent reporting requirements: (1) annual, (2) semi-annual, (3) monthly and semi-monthly, (4) event and one time submissions. The groupings of schedules into their respective submission subgroups together with a reference to the old FPC form relationships is shown below:

NATURAL GAS PIPELINE AND PRODUCER COMPANIES

Subgroup	Respondent Category	Schedule Numbers	Old FPC Form	Submission Date
Annual Submission				
1	All Natural Gas Pipeline companies and unclassified corporations, as specified on each specific set of detailed schedule instructions. (Companies which act as transporters and do not buy or sell gas shall file only a statement giving names and addresses of company(s) for which it transports.)	0401-0407,0849, 0853	15	Annually (on or before April 30th)
2	Class A & Class B	0410,0412-0416, 0418,0840-0843, 0846,(0417,0423 part),0425,0442	2	Annually (on or before April 30th)
3	Class A only	0417,0420-0424, 0845	SYSFLO	Annually (on or before April 30th)
4	Class C & Class D	0842,0425	2A	Annually (on or before April 30th)
5	Importers/Exporters	0408-0409	14	Annually (on or before April 30th)
Semi-Annual Submission				
1	All natural gas pipeline companies that make sales of natural gas for resale in interstate commerce (except those granted waivers).	0427-0440	16	Semi-annually (on or before April 30th & September 30th)

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NATURAL GAS PIPELINE AND PRODUCER COMPANIES (Cont'd)

Subgroup	Respondent Category	Schedule Numbers	Old FPC Form	Submission Date
Monthly Only				
1	Class A, B, C & D Major Pipeline Companies	0[illegible]	11	Monthly (on or before the 15th of the month following the reporting month)
2	All Natural Gas Pipeline companies that curtail natural gas service	0441	17	Monthly (on or before the 15th of the month following the reporting month)
Monthly & Semi-Monthly				
1	All Natural Gas Companies subject to FPC jurisdiction, that operate underground natural gas storage fields	0411	8 Rev.	Semi-monthly for Dec-Mar, 5 days after the 15th and last day of these months. Monthly Apr-Nov on the 5th day following the reporting month
One Time or Event Submissions				
1	Class A & Class B	0419	2	Annually (on or before April 30th only if an interruption has occurred during the report year)
2	Class C & Class D	0419	2A	Annually (on or before April 30th if an interruption has occurred during the report year)
3	Class A & Class B	0844,0848	2	On the initial submission and only annually when changes occur on April 30th
4	All Natural Gas Companies subject to FPC jurisdiction, that operate underground natural gas storage fields	0847,0851	8 Rev.	On the initial submission and only annually when changes occur on on April 30th

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NATURAL GAS PIPELINE AND PRODUCER COMPANIES (Cont'd)

Subgroup	Respondent Category	Schedule Numbers	Old FPC Form	Submission Date
5	All Natural Gas Companies as specified in the detailed schedule instructions	0850	5	On the initial submission (on or before April 30th for the preceding calendar year and annually only if changes occur
Annual Submission				
1	Producers with Filed FPC Rate Schedules	0501	301A	Annually (on or before March 31st)
2	Small Producers that have Small Producer Certificates	0516	314B	Annually (on or before April 1st)
3	Producers with Filed FPC Rate Schedules	0505	459	Annually (on or before March 31st)
One Time or Event Submissions				
1	Producers with Filed FPC Rate Schedules	0502-0504	459	On the initial submission (on or before March 31st) for all rate schedules on file and within 30 days if changes occur
2	All Producers with Filed FPC Rate Schedules	0507	280	Due when filing for a rate change
3	Producers applying for a Small Producer Certificate	0508-0513	314A	Due when filing for a Small Producer Certificate

Each schedule is identified by a schedule number and title (See Appendix 1, List of Natural Gas Pipeline and Producer Schedules).

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II. STANDARD DEFINITIONS AND CODES

A. UNIFORM SYSTEMS OF ACCOUNTS

The required submissions will be prepared in conformity with the Uniform Systems of Accounts for Natural Gas Companies prescribed by the Federal Power Commission, and all accounting words and phrases are to be interpreted in accordance with said classification. If the respondent is not under the jurisdiction of the Commission and does not keep its books in accordance with the above-mentioned Uniform Systems of Accounts, the schedule shall be completed with the actual accounts maintained being substituted, where necessary, for the accounts listed.

B. GAS VOLUMES

All gas volumes will be reported in MMCF rounded to three decimal places, at a uniform pressure base of 14.73 psia at 60° Fahrenheit, pursuant to Exhibit H of Circular No. A-46, of the Bureau of the Budget issued February 15, 1966.

C. SELECTED DEFINITIONS

The following definitions pertain to the natural gas pipeline and producer schedules:

1. Annual Requirements are the pipeline company's certificated total system annual gas requirements, and company used and unaccounted for gas.

2. Associated - Solution Gas (Covers either or both)

a. Associated Gas: Natural gas, commonly known as gas cap gas, which overlies and is in contact with crude oil in the reservoir. Associated gas may be reported as non-associated gas in cases where this classification is the result of regulatory ruling or company operating practice when the production of associated gas has no significant effect on crude oil production.

b. Solution Gas: Natural gas which is in solution with crude oil in the reservoir.

3. Average Day - monthly volume divided by the number of days in the month.

4. Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is to be included in the base gas volume.[1]

5. BTU per Cubic Foot: The total heating value expressed in BTU, produced by the combustion, at a constant pressure, of the amount of the gas which would occupy a volume of one cubic foot at a temperature of 60° Fahrenheit if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32° Fahrenheit and under standard gravitational force (980.66 cm. per second^2) with air of the same temperature and pressure as the gas, when the products of combustion are cooled to the initial temperature of gas and air when the water formed by combustion is condensed to the liquid state. Sometimes called gross heating value or total heating value.

6. Coincidental Delivery - a delivery to more than one customer at the same time of day.

7. Commission Authorization (abbreviation Comm. Auth.) as used in these schedules means the authorization of the Federal Power Commission, or any other Commission.

8. Conjunctive Billing - a single bill rendered to a customer for deliveries made from more than one takeoff point.

9. Contract Area covers the area encompassed by one or more fields under a single gas purchase contract but not larger than the area covered by a single Supply Source (see definition). When reporting such supply sources, follow the procedures under Group Name (see definition).

[1] Definition was taken in part from the American Gas Association Committee on Underground Storage Annual Report.

10. Cost of Importation - all expenses incurred by the importer up to the U.S. point of delivery for the reported quantity imported.

11. Curtailments of firm service by pipelines are reductions of deliveries from the firm base period gas entitlements. Curtailments of interruptible customer should be based on reduction in normal deliveries to such customers; i.e., curtailments over and above normal curtailments of interruptible load.

12. Dedicated Reserves are defined as the volume of recoverable salable gas reserves committed to, controlled by, or possessed by the reporting pipeline company and which are used for acts and services for which both the seller and the company have received certificate authorization from the Federal Power Commission.

13. Deliverability Life is the number of future years during which a pipeline company can meet its annual requirements for its presently certificated delivery capacity from presently committed supply sources. The availability of gas from these sources to deliver gas, by the terms of existing gas purchase contracts and the limitation presently imposed by state or federal regulatory agencies.

14. Exports are gas deliveries out of the United States of America to a foreign country.

15. Field: A field is an area consisting of a single reservoir or multiple reservoirs all grouped on, or related to, the same individual geological structural feature and/or stratigraphic condition. There may be two or more reservoirs in a field which are separated vertically by intervening impervious strata, or laterally by local geologic barriers, or by both. A new field is a new area of oil or gas production with accumulation being controlled by a separate geological structural feature and/or stratigraphic condition to the extent that the new discovery is not considered a new reservoir, or an extension of a reservoir in a pre-existing field.

a. Field Code - the FPC assigned Code Number for the Field Name from the Register of Data Standards, IDGPFL.*

b. Field Name - the FPC assigned Field Name (must be used) from the Register of Data Standards, IDGPFL.* Also enter the Offshore Area Name when applicable (See paragraph 3380.2 (b), Chapter II, Title 43, "Code for Federal Regulations".) See Offshore Area Name definition.

c. Texas Fields - the Annual Report of the Oil and Gas Division of the Railroad Commission of Texas, lists Field Names as George West/7990/; Hope NW/Wilcox 10,000/: Franks/Schenck, Upper/,etc. No mention is made of the producing reservoir. Texas gas producing fields, the Field Name is defined as the word or words preceding the first slash (/) mark. For the purpose of reporting Texas Reservoirs, the Reservoir Name is defined as the word or words which occur between the two slash (/) marks.

Railroad Commission Listings	-	Field Name	Reservoir Name
George West, West/7900/	-	George West West	7900
Hope, NW/Wilcox 10,000/	-	Hope NW	Wilcox 10,000
Franks/Schenck, Upper/	-	Franks	Schenck, Upper

The Register of Data Standards will show the proper field names. Special or unnecessary punctuation is purposely discouraged. If it is clearly an integral part of the name, show it; i.e., T.D.P.; A-B-R East; etc.

(*) If the Field Name and Code are not in the Register of Data Standards, contact the Head, Supply and Production Section, RMG, Federal Power Commission. This section will furnish a code number promptly and incorporate it into the Register of Data Standards.

16. Field Area applies generally to the Appalachian Region and is defined as a geographic area encompassing two or more Pools (see definition) that have a common

gathering and metering system, the reserves of which are reported as a single unit. When reporting such supply sources, follow the procedures under Group Name (see definition).

17. Firm Gas Sales to industrial customers are those made under schedules or contracts which anticipate no interruption.

18. Gas Supply is the dedicated proven reserves of recoverable salable natural gas, including Liquified Natural Gas (LNG) and Substitute Natural Gas (SNG) available to the reporting company from:

(1) Company Owned Reserves (see Recoverable-Proved Reserves definition)

(2) Independent Producer Contracts

(3) LNG Contracts

(4) SNG Contracts

(5) Gas Purchase Contracts with other Interstate Pipeline Companies subject to the jurisdication of the Federal Power Commission

(6) Commitments with foreign suppliers

19. Group Name - the name identifying a composite supply source, i.e., commonly metered gas streams from more than one reservoir or field, which is often the case in Contract Areas, Field Areas, and Plants.*

a. Group Code - the code identifying a composite supply source.*

(*) If respondent requires a Group Name and Group Code that are not in the Register of Data Standards, the respondent shall assign a new Group Name uniquely identifying the group. Contact the Head, Supply and Production Section, BNG, Federal Power Commission for a Group Code number. If appropriate, the new Group Name and Group Code shall be promptly entered into the Register of Data Standards for subsequent use.

20. Heating Value for the salable gas reported is expressed in British Thermal Units (BTU) per cubic foot of gas on a saturated basis.

21. Import Contract - gas supply contracted from and volumes of gas purchases from a foreign supplier.

22. Imports are gas receipts into the United States of America from a foreign country.

23. Injection: The volumes of gas injected during the applicable reporting period.[1]

24. Interconnection Point - a point where two or more pipelines, each under different ownership, intersect or are connected.

25. Interruptible Customers are those to whom service may be interrupted under terms of the customer's gas contract, or to whom service is required to be interrupted, regardless of contractual arrangements in emergency periods, by law, ordinance, directive, or other requirement of governmental authority.

26. Interruptible Gas Sales to industrial customers are those made under schedules or contracts which provide for curtailment by the seller in order to protect service to firm customers.

27. LNG is natural gas which has undergone a phase change to a liquid state and which, before entry into the pipeline gas stream, must undergo phase change reversal to the gaseous state.

28. Maximum Daily Quantity (Mcf/d) is the maximum daily quantity the pipeline can reasonably rely upon from a given supply source.

29. Miscellaneous Reserves is a supply source having not more than fifty billion cubic feet of dedicated recoverable salable reserves and must fall within the definition of Supply Source (see definition).

[1] Definition was taken in part from the American Gas Association Committee on Underground Storage Annual Report.

30. Native Gas: Gas in place at the time that the reservoir was converted to storage as contrasted to injected gas.[1]

31. Natural Gas means either natural gas unmixed, or any mixture of natural and manufactured gas.

32. Non-Associated Gas - natural gas which is in reservoirs that do not contain significant quantities of crude oil.

33. Non-Coincidental Deliveries - deliveries to two, or more, customers on a time-staggered basis.

34. Normal or Normally refers to the volumes that the company has delivered to the customer during periods that reasonably reflect the load the customer has actually placed on the company.

35. Off Peak Gas Sales to industrial customers are those made under schedules or contracts on a firm basis for periods specified for other than times of seller's peak requirements.

36. Offshore Area Name is the assigned name listed in the Register of Data Standards. Enter the entire name as listed. Example: Ship Shoal Block 28, not just Block 28. Compass points and descriptive phrases must follow the names.

Caution: Proper names are not to be confused with actual compass points, i.e., West Delta, East Cameron, South Pelto, South Timbalier, South Marsh Island. The underline is part of the name and not compass points, such as South Addition, East Addition, North Hester, Southwest Hester, etc.

Offshore names may have to be abbreviated. The following examples should be used:

[1] Definition was taken in part from the American Gas Association Committee on Underground Storage Annual Report.

East Addition - EA	South Extention - SX	North - N
West Addition - WA	East Extension - EX	South - S
South Addition - SA	Block - BLK	East - E
North Addition - NA	Island - IS	West - W

South Marsh Island South Addition Block 108 would be abbreviated as follows: South Marsh IS SA BLK 108. The cardinal points of the compass - North, South, East and West may be abbreviated to shorten Offshore names only, in all other instances the cardinal points will be spelled out. Also, always use all 26 positions of the Field Name and every other permissable abbreviation before abbreviating a cardinal compass point.

37. Pipeline Purchase is a gas supply contracted from and volumes purchased from other Natural Gas Companies as defined by the Natural Gas Act, as amended (52 Stat. 821), excluding Independent Producers, as defined in Section 154.91 (a), Chapter 1, Title 18 of the Code of Federal Regulations. Gas volumes under contract from other pipeline (natural gas) companies are not included as reserves but may constitute part or all of the company's gas supply.

38. Plant or Gas Processing Plant - a gas processing plant is a facility designed:

a. to achieve the recovery of natural gas liquids from the stream of natural gas which may or may not have been processed through lease separators and field facilites.

b. to control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants. When reporting such supply sources, follow the procedures under Group Name (see definition).

39. Pool - In general, the term "pool" is synonymous with the term "reservoir" however, in certain situations, a pool may consist of more than one reservoir. Generally, this latter situation occurs in the Appalachian Region where completion,

production, gathering and metering practices peculiar to that area require that a pool with more than one reservoir be reported as a single reservoir.

40. Productive Capacity for non-associated natural gas reservoirs is defined on page 109 and 110 of Volume 23 of "Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada as of December 31, 1968", published jointly by the American Gas Association, Inc., the American Petroleum Institute and the Canadian Petroleum Association. For productive capacity of associated and solution gas, report the maximum daily quantity that the pipeline can reasonably rely upon from a given supply source.

41. Projection of Curtailments should be based on the priority categories set forth in Commission Order No. 467B issued 2 March 1973, in Docket No. R-469, as defined in Order No. 493A issued 29 October 1973, in Docket No. R-474. When the Commission has approved for any company a permanent plan of curtailment other than Order No. 467B, then the curtailments reported on Schedules 0427-0440 shall conform to that plan.

42. Purchases and/or Produced is the annual volume of gas purchased under contracts with Independent Producers as defined in Section 154.91 (a), Chapter 1, Title 18 of the "Code of Federal Regulations:, or produced under leaseholds, gas rights, and reserves held in fee by the reporting company.

43. Receipts from Exportation - all revenues received by the exporter for the reported quantity exported.

44. Recoverable - Proved Reserves - the proved reserves of natural gas as of December 31st of any given year are the estimated quantities of natural gas which geological and engineering data demonstrates with reasonable certainty to be recoverable in the future from known natural oil and gas reservoirs under existing economic and operating conditions.

Reservoirs are considered proved if economic producibility is supported by either actual production or conclusive formation tests. The area of a reservoir considered proved includes: (1) that portion delineated by drilling and defined by gas-oil, gas-water, or oil-water contacts or limited by structural deformation or lenticularity of the reservoir, and (2) the adjoining portions not yet drilled but which can be reasonably judged as economically productive on the basis of available geological and engineering data. In the absence of fluid contents, the lowest known structural occurrence of hydrocarbons controls the lower proved limit of the reservoir.

Reserve estimates are prepared for total recoverable natural gas, non-associated gas, and associated-dissolved gas. Estimates do not include (1) gaseous equivalents of natural gas liquids expected to be recovered from reservoir natural gas as it is produced; (2) natural gas being held in underground storage; or (3) non-hydrocarbon gases.

45. Report Period - the end of the calendar year, December 31st or designated report cycle.

46. Requirements are base period gas entitlements as that term is used in FPC curtailment proceedings.

47. Reserve Life Index is determined by dividing the company's total system gas supply at the end of the report year by the average annual requirement computed from a twenty year projection beginning with the first day of the next year. This figure is only a rough index and in no way reflects deliverability life (the number of years that a company will actually be able to meet its total system requirements). Deliverability life will always be less than and will have a varying relationship with reserve life index from company to company, due to the variations extant in determining future requirements from gas purchase contracts expiring during the twenty year period of projection.

48. Reservoir - a porous and permeable underground formation containing an individual and separate accumulation of producible hydrocarbons (oil and/or gas) which is confined by impermeable rock or water barriers and is characterized by a single natural pressure system. In most situations, reservoirs are classified as oil reservoirs or gas reservoirs by a regulatory agency. In the absence of regulatory authority, classification is based on natural occurrence of the hydrocarbons in the reservoir and classification and names may be determined by the respondent. (For Texas Reservoirs, refer to definition). This definition shall apply for reporting reserves on Schedules 0401-0407.

50. Residential Space Heating Customer is such a customer whose major fuel for heating is gas.

50. Salable - Natural Gas means natural gas which is marketed under controlled quality conditions.

51. Short Term Contract is any short term purchase agreement covering a time period of one year or less. So-called "Spot Purchases" are included in this category.

52. SNG is Substitute Natural Gas produced synthetically from organic raw material at an SNG plant.

53. Storage Reservoir Capacity: The storage capacity of the reservoir as certificated by FPC. For any reservoir not having a certificated capacity, report the present developed capacity excluding contemplated future development.[1]

54. Supply Source may be a single completion, a single well, a single field with one or more reservoirs, several fields under a single gas purchase contract and classified as a Contract Area for the purpose of this report, miscellaneous fields, a processing plant, or a field area, providing, however, that the geographic area encompassed

[1] Definition was taken in part from the American Gas Association Committee on Underground Storage Annual Report.

by a single supply source may not be larger than the smallest of the following: a state, an FPC area or that portion of an FPC area lying within a single state when the boundaries of that FPC Area cross a state line or lines. When reporting composite supply sources, be sure to follow the procedures under Group Name.

NOTE: Other Supply Sources as reported on Schedule 0407 are defined under the heading "General Information" in the Detailed Instructions for Schedule 0407.

55. Takeoff Point - any point from which gas is taken off a line for sale purposes.

56. Total Gas in Storage: The sum of the base gas and the working gas.[1]

57. Transporter - the party or parties, other than buyer or seller, owning the facilities by which gas or LNG is physically transferred between buyer and seller.

58. Unauthorized Overrun Gas refers to that gas taken without permission of the supplier company by a customer on any day in excess of its contractual entitlement under any applicable rate schedule under which service was being rendered.

59. Warranty Contracts are gas purchase agreements for the sale of natural gas by a producer to a pipeline company wherein the producer warrants it will have available sufficient gas supplies to meet its committments over the life of the contract. Generally, the producer does not dedicate gas reserves underlying any specific acreage, lease or fields to the agreement. Substitution of various sources of gas supply may be permitted according to the terms of the contract. Warranty Contracts by their terms, may vary from the above. If so, respondents should so verify any variance from the definitions by footnote entry. Warranty Contract reserves are always reported on Schedule 0407.

60. Withdrawals: Total volume of gas withdrawn during the applicable reporting period.[1]

[1] Definition was taken in part from the American Gas Association Committee on Underground Storage Annual Report.

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61. Working (Top Storage) Gas: The volume of gas in the reservoir above the designed level of the base gas. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.[1]

[1] Definition was taken in part from the American Gas Association Committee on Underground Storage Annual Report.

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DETAILED INSTRUCTIONS:
SCHEDULE 0100 INDEX OF FPC PUBLIC USE SCHEDULES SUBMITTED

I. DESCRIPTION

This schedule shall be used to identify the schedules which were submitted by each respondent.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Federal Power Commission respondents.

B. This schedule shall be completed for each submission of schedules to the Federal Power Commission.

C. The report period date required on line two of this schedule shall be the final date of the period covered by the submission i.e., if data is reported on a calendar year basis, the date to be reported is December 31, 1976, in the format MMDDYY
123176.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Date Received in Mail Room (N6): This data field is for Federal Power Commission internal processing only. (TMDATE)
2	Date Received in DBCG (N6): This data field is for Federal Power Commission internal processing only. (TMDATE)
3 (Key)	Schedule Number (N4): Enter the schedule number of each schedule being submitted in this submission.
4	Schedule Contact Name (A35): Enter the name of the individual to contact about the schedule number reported in data field 3 above. The format for the name is: Last Name, First Name or Initial, Middle Initial. (IDNAME)
5	Schedule Contact Telephone Number (A12): Enter the area code and telephone number, in the format NNN-NNN-NNNN. Be certain to over strike the preprinted hyphens (-).
6	Number of Pages (N4) NO: Enter the number of pages submitted for the schedule reported in data field 3 above.
7	Indicate Primary Reporting Media, Hardcopy or Tape (N1): Enter "1" if hardcopy is being submitted; or enter "2" if tape is being submitted. (INETOR)

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DETAILED INSTRUCTIONS:
SCHEDULE 0100 INDEX OF FPC PUBLIC USE SCHEDULES SUBMITTED

Data Field Number	Instructions
8	Name of Attestor: Enter the legal name of the individual who is attesting to the validity of the data content being submitted on each of the schedules reported in data field 3 above. (IDNAME)
9	Signature of Attestor: Enter the attestors legal signature in this data field. (IDNAME)
10	Date of Attestation: Enter the date of attestation, in the format MMDDYY. (TMDATE)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0401	PIPELINE GAS SUPPLY SYNOPSIS	1 of 4

I. DESCRIPTION

This schedule is used to collect the synopsis of pipeline company's gas supply.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is in three sections:

1. Summary of Data Reported on Certificate Issued containing last complete gas supply (Data Fields 1-7).
2. Summary End of Report Year (Data Fields 8-10).
3. Summary of Gas Reserve Changes (Data Fields 11-14) plus Indicators (Data Fields 15-16).

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Identification Last Docket Total System Supply (A9): Enter the docket number for the last certificate of public convenience and necessity under Section 7(c) of Natural Gas Act, in which the total system supply was submitted. (IDDCKT)

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DETAILED INSTRUCTIONS: SCHEDULE 0401	PIPELINE GAS SUPPLY SYNOPSIS	2 of 4

Data Field Number	Instructions
2 (Key)	Date Certificate Issued (N6): Enter the date of the last certificate when total system supply was submitted, in the format MMDDYY. (TMDATE)
3	Quantity Total Dedicated Gas Supply as of Last Certificate (N10.3) MMCF: Enter the gas supply approved under Docket reported in Data Field 1 above.
4	Date of Company Reserve Estimate (N6): Enter the date on which estimated was made in Data Field 3 above, in the format MMDDYY. (TMDATE)
5	Years Deliverability Life (N2) YR: Enter the number of years of deliverability life for the reserves authorized by certificate reported in Data Field 1 above.
6	Quantity Average Annual System Requirements (N8.3) MMCF: Enter the requirements reported in certificate in Data Field 1 above.
7	Years Reserve Life Index (N2.1) YR: Calculate the reserve life index by dividing Data Field 3, "Quantity Total Dedicated Gas Supply as of Last Certificate" by Data Field 6, "Quantity Average Annual System Requirements".
8	Quantity Dedicated Reserve Estimate (N10.3) MMCF: Enter the estimated total Volume of Salable dedicated gas reserves. Note: DO NOT INCLUDE Pipeline Purchases in this entry.
9	Quantity Reserves Pending Certification (N10.3) MMCF: Note: DO NOT INCLUDE Pipeline Purchases in this entry.
10	Quantity Sales Requirements Pending Certification (N10.3) MMCF: Enter the annual requirements placed upon your pipeline system in pending applications for sales to new markets and to expand sales to old ones.

NOTE: In the Data Fields 11-14, do not include reserves pending in certificate applications that were reported in Data Field 9, since this would apparently double those existing amount of reserves. Also, do not include pipeline purchases, because pipeline purchases are not reserves. See Level II Instructions, Recoverable-Proved Reserves definition.

11	Quantity Revisions to Previous Estimate (N8.3) MMCF: The intent is to obtain a report of any changes that revise the previous reserve estimate. In the sense of the AGA-API Reserve Committee's definitions, this will include both "extensions" to reserves and "revisions" to reserves, where changes in reserve estimates are brought about by changes in

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DETAILED INSTRUCTIONS: SCHEDULE 0401	PIPELINE GAS SUPPLY SYNOPSIS	3 of 4

Data Field Number	Instructions
11 (cont'd)	the proved area of reservoirs, new information leading to more accurate estimates, improved recovery techniques, and the correction for the effect of the difference between estimated production and actual production for the previous year. (The changes in proved area and new information may be due to new contracts in existing fields or amendments to existing contracts.) Important: DO NOT INCLUDE LAST YEAR'S PRODUCTION, since production does not alter the accuracy of the original reserve estimate. Also, handled as revisions are any changes in LNG or SNG contracts occurring in years subsequent to the year that the contract had first been reported and the source identified. See Data Field 12 below for more information about LNG and SNG reserves. Another expression for revisions follows: (+) Previous year-end reserves - Present production (=) = Anticipated present reserves - Actual present reserves (corrected for "additions") (=) = ± Revisions
12	Quantity Additions to Previous Estimates (N8.3) MMCF: The word "estimate" here means "reserve estimate." The value desired is the amount of additions from proved reserves credited to either new fields, new reservoirs in old fields or new plants not previously reported. On Schedule 0405, be sure to identify once again all additions from proved reserves credited to new fields or new reservoirs in old fields. Enter the "year first reported" on Schedule 0405, Data Field 11 above. Additions include new reserves gained through the acquisition of LNG (if from a foreign country) and/or SNG (if this is the first time the facility is being reported). Do not include domestic LNG unless it is actually a new reserve that has undergone a phase change. If LNG is identified on Schedule 0405, do not report it again on Schedule 0407, because Sched-0407 does not purport to tally all LNG, but only to record supply sources not reported in Schedules 0405 and 0406 and note their class.
13	Quantity Total New Reserves Supporting Certificates Issued During Year (N8.3) MMCF: Enter all proved reserves from Exhibit H supporting certificates issued during calendar year. Include here any gas reserves acquired under the authority of

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DETAILED INSTRUCTIONS: SCHEDULE 0401	PIPELINE GAS SUPPLY SYNOPSIS	4 of 4

Data Field Number	Instructions
13 (cont'd)	Order No. 418 or Order No. 431. NOTE: New Reserves = Additions + New Contracts and Amendments to Contracts + Emergency Purchases. SO: Data Field 14 - Data Field 12 - Emergency Purchases = New Contracts and Amendments to Contracts where the figure for emergency purchases is taken from Schedule 0405 or 0407. There is no way to corroborate the reserves acquired by new contracts and amendments to existing contracts on these schedules.
14	Quantity Reserves Added Under Budget Certificate (N8.3) MMCF: Enter the amount of reserves included in Data Field 13 that were attached under budget-type authorization. (NOTE: Data Field 13 - Data Field 14 = Reserves not attached under budget-type authorization.)
15	Gas Procurement Activity Statement Indicator (N1): Enter "1" if a gas activity statement (Schedule 0849) was submitted for this report year; if not, enter "Ø". (INYONO)
16	Gas Supply Statement Filed With Other Federal Agency Indicator (N1): Enter "1" if Gas Supply Statement has been filed with other agency(ies); if not, enter "Ø". (INYONO)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0402	PIPELINE SYSTEM DELIVERABILITY SUMMARY	1 of 4

I. DESCRIPTION

This schedule is used to collect the details of the current system deliverability.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies, unless the company has (1) year end recoverable reserves consisting of 50 billion cubic feet or less of company owned and independent producer contract reserves at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit, or (2) purchased its entire supply of natural gas from another pipeline company subject to the Commission's jurisdiction and/or purchased from foreign suppliers. Respondents meeting conditions (1) and/or (2) above shall submit Schedule 0407, in lieu of this schedule.

B. Respondents shall complete all data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number.

Data Field Number	Instructions
1	Quantity Current Recoverable Gas Reserves Owned (N10.3) MMCF: Enter the total remaining recoverable salable gas reserves dedicated to the reporting company's system through leaseholds, gas rights and reserves held in fee at the end of the report period.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0402	PIPELINE SYSTEM DELIVERABILITY SUMMARY	2 of 4

Data Field Number	Instructions
2	Quantity Current Recoverable Gas Reserves Contracted (N10.3) MMCF: Enter the remaining recoverable salable gas reserves dedicated to the reporting company's system under gas purchase contracts with "Independent Producers" as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the "Code of Federal Regulations" at the end of report period.
3	Quantity Current Recoverable Gas Reserves under Warranty Contract (N10.3) MMCF: Enter the total remaining recoverable salable volume of gas available under warranty type gas purchase agreements with Independent Producers or other suppliers.
4	Quantity Current Dedicated Pipeline Purchases (N10.3) MMCF: Enter the supply dedicated by gas purchase contracts with other "Natural Gas Companies" as defined by the "Natural Gas Act: as amended (52 Stat. 821) but excluding "Independent Producers: as defined in Paragraph 154.91 (a), Chapter I, Title 18 of the "Code of Federal Regulations" including gas returnable under existing exchange agreements.
5	Quantity Current Pipeline System (N10.3) MMCF: Enter total of Data Fields 1 through 4 listed above.
6	Quantity Total Purchased and/or Produced-Owned Gas (N10.3) MMCF: Enter the total volume of salable gas purchased and/or produced during report year from owned gas supplies as defined in Data Field 1 above.
7	Quantity Total Purchased and/or Produced Contracted Gas (N10.3) MMCF: Enter the total volume of salable gas purchases and/or produced during report year from contracted gas as defined in Data Field 2 above.
8	Quantity Total Purchased and/or Produced Warranty Contract (N10.3) MMCF: Enter the total volume of salable gas purchased and/or produced during report year from Warranty contract as defined in Data Field 3 above.
9	Quantity Total Purchased and/or Produced Dedicated Pipeline Purchases (N10.3) MMCF: Enter the total volume of salable gas purchased and/or produced during report year from dedicated pipeline purchases as defined in Data Field 4 above.
10	Quantity Total Purchased and/or Produced Pipeline System (N10.3) MMCF: Enter the total volume of salable gas purchased and/or produced during report year from Data Fields 6 through 9 above.

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DETAILED INSTRUCTIONS:
SCHEDULE 0402 PIPELINE SYSTEM DELIVERABILITY SUMMARY

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Data Field Number	Instructions
11	Quantity Total Short Term Contract (N10.3) MMCF: Enter the sum of all volumes purchased under "Short Term Contracts" as reported on Schedule 0407. See Level II, General Subject Instructions for a definition of Short Term Contract.
12	Quantity Total Scheduled Owned/Contracted (N10.3) MMCF: Enter the sum of all items in Data Field 2 (Quantity Forecast Owned/Contracted) from Schedule 0403.
13	Quantity Total Scheduled Pipeline Purchases (N10.3) MMCF: Enter the sum of all items in Data Field 3 (Quantity Forecast Pipeline Purchases) from Schedule 0403.
14	Quantity Total Scheduled Total Pipeline System (N10.3) MMCF: Enter the sum of all items in Data Field 4 (Quantity Forecast Pipeline System) from Schedule 0403.
15	Percent Firm Sales (N3.1) PCT: Enter the estimated percent of the report year Purchased and/or Produced volume, Data Field 10, for those sales made under schedules or contracts which anticipate no interruption. Round to the nearest tenth of a percent.
16	Percent Interruptible Sales (N3.1) PCT: Enter the estimated percent of the report year Purchased and/or Produced volume, Data Field 10, for those sales made under schedules or contracts which provide for curtailment by the seller in order to protect service of firm customers. Round to the nearest tenth of a percent.
17	Percent Other Use of Gas (N3.1) PCT: Enter the estimated percent of report year Purchased and/or Produced volume, Data Field 10, for that volume of gas classified as "Company Use and Unaccounted for Gas". Round to the nearest tenth of a percent.
18	Quantity Total Scheduled Annual Requirements (N10.3) MMCF: Enter the sum of all items in Data Field 5 (Quantity Forecast Annual Requirements) from Schedule 0403.
19	Quantity Remaining Reserves Owned and Contracted (N10.3) MMCF: Enter the difference between the sum of Data Fields (1+2+3) minus Data Field 12. (Data Fields 1+2+3 - Data Field 12 = Data Field 19).
20	Quantity Remaining Reserves Pipeline Purchases (N10.3) MMCF: Enter the difference between Data Field 4 (Quantity Current Dedicated Pipeline Purchases) and Data Field 13 (Quantity Total Scheduled Pipeline Purchases). (Data Field 4 - Data Field 13 = Data Field 20).

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DETAILED INSTRUCTIONS:
SCHEDULE 0402 PIPELINE SYSTEM DELIVERABILITY SUMMARY

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Data Field Number	Instructions
21	Quantity Remaining Reserves Total Pipeline System (N10.3) MMCF: Enter the difference between Data Field 5 (Quantity Current Pipeline System) and Data Field 14 (Quantity Scheduled Total Pipeline System). (Data Field 5 - Data Field 14 = Data Field 21).
22	Quantity Curtailments (N10.3) MMCF: Enter the total volume of gas you were curtailed by your suppliers under Commission authorization for the current report year. Note that this applies only to pipeline purchases (see definition). For the purpose of this data element, failure of producers to deliver is not considered curtailment.
23	Reserve Life Index Years (N3.1) PCT: Enter the number of years of reserve life. Data Field 5 (Quantity Current Pipeline System) divided by the pipeline system average annual requirements determined from the total annual requirements volume shown in Data Field 18 (Quantity Total Scheduled Annual Requirements). The Reserve Life Index figure will be rounded off to the nearest tenth. See Level II Instructions, definition for Reserve Life Index.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0403	PIPELINE DELIVERABILITY FORECAST	1 of 2

I. DESCRIPTION

This schedule is used to collect deliverability forecast showing, for each of twenty years, the annual volumes of dedicated salable gas estimated to be deliverable from the various supply sources to meet the total annual requirements of the pipeline system.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies except those which have year end remaining recoverable reserves consisting of 50 billion cubic feet or less of company owned and independent producer contract reserves at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit, or by a Natural Gas company which purchases its entire supply of natural gas from another pipeline company which is subject to the Commission's jurisdiction. Future contract additions can be shown on Schedule 0849, "Gas Procurement Activity Statement" but such volumes must not be included on this schedule.

B. Respondents shall complete all data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Forecast Year (N2): Enter the last two digits of each calendar year for which a deliverability projection is made starting with the year following the report year, in the format YY. (TMYEAR).

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DETAILED INSTRUCTIONS: SCHEDULE 0403	PIPELINE DELIVERABILITY FORECAST	2 of 2

Data Field Number	Instructions
2	Quantity Forecast Owned and Contracted (N10.3) MMCF: Enter the the average annual volumes of gas scheduled each year for twenty years, including warranty contract gas supply.
3	Quantity Forecast Pipeline Purchases (N10.3) MMCF: Enter the average annual volumes of gas scheduled each year for twenty years.
4	Quantity Forecast Total Pipeline System (N10.3) MMCF: Enter the sum of the average annual volumes of gas scheduled each year for twenty years.
5	Quantity Forecast Annual Requirement (N10.3) MMCF: Enter the estimated total pipeline system annual gas requirement scheduled for each year for twenty years, including company use and unaccounted for gas.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0404	SUPPLY SOURCE IDENTIFICATION AND FIVE YEAR SCHEDULING	1 of 4

I. DESCRIPTION

This schedule is used to collect identification data for each major supply source and a five year volume scheduling for each source.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies, unless the company has (1) year end recoverable reserves consisting of 50 billion cubic feet or less of company owned and independent producer contract reserves at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit, or (2) purchased its entire supply of natural gas from another pipeline company subject to the Commission's jurisdiction and/or purchased from foreign suppliers. Respondents meeting conditions (1) and/or (2) above shall submit Schedule 0407, in lieu of this schedule.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions and deletions for Data Fields 2, 4-6, and 8-13. Data Fields 1, 3, 7, and 14-19, must be submitted annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Group Code (A6): Identify the composite supply source by entering the group code, from the Register of Data Standards. IDGSPG.

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DETAILED INSTRUCTIONS: SCHEDULE 0404	SUPPLY SOURCE IDENTIFICATION AND FIVE YEAR SCHEDULING	2 of 4

2	Group Name (A26): Identify the composite supply source by entering the group name, from the Register of Data Standards, IDGSPG.
3 (Key)	Field Code (A6): Enter the assigned field code number, from the Register of Data Standards, IDGPFL. If the field code is not listed in the Register of Data Standards, contact the Head, Supply & Production Section, BNG, Federal Power Commission, and a code will be assigned.
4	Field Name (A26): Enter the name of the field for which dedicated reserves are reported, from the Register of Data Standards, IDGPFL.
5	Field Domain, State - Federal Indicator (N1): Enter either 1=State, or 2=Federal. (INETOR)
6	Indicator Field Producing/Non-Producing (N1): Enter either 1=producing, or 2=nonproducing. (INETOR)
7 (Key)	State Abbreviation (A2): Enter the abbreviation for the state, from the Register of Data Standards, IDSTAT, where field is located. If the field extends over more than one State, enter state code of state with the greatest dedicated acreage or the largest amount of reserves.
8	County Code (N3): Enter the three digit county/parish code, from the Register of Data Standards, IDCNTY, that corresponds with the county/parish named in Data Field 9 below. If field extends over one county, enter county code of county with the greatest dedicated acreage or the largest amount of reserves. In the case of offshore areas, enter the applicable code in Data Field 8 and name in Data Field 10 described below.

FOR ALL OFFSHORE AREAS ENTER: (See Additional Codes for the State of Louisiana)

CODE	NAME	DESCRIPTION
990	OFFSHORE-STATE	that area subject to State jurisdiction only.
995	OFFSHORE-FEDERAL	that area subject to Federal jurisdiction.
999	OFFSHORE-GENERAL	that area where the above distinctions are either unknown or not applicable.

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DETAILED INSTRUCTIONS: SCHEDULE 0404	SUPPLY SOURCE IDENTIFICATION AND FIVE YEAR SCHEDULING	3 of 4

ADDITIONAL CODES FOR THE STATE OF LOUISIANA

NOTICE: Settlement between State and Federal Governments will render the following coding obsolete. In that case use coding described above.

CODE	NAME	DESCRIPTION
991	OFFSHORE-ZONE 1	the area lying seaward of and within three geographical miles of the so-called "Chapman-Line".
992	OFFSHORE-ZONE 2	the area which is bounded landward by the seaward boundary of Zone 1 and which is bounded seaward by a line three Marine Leagues from the so-called "Chapman-Line".

CODE	NAME	DESCRIPTION
993	OFFSHORE-ZONE 3	the area bounded landward by the boundary of Zone 2 and bounded seaward by the seaward boundary line of the State of Louisiana as fixed and redefined by Act 33 of the Louisiana Legislature of 1954.
994	OFFSHORE-ZONE 4	that portion of the Continental Shelf lying seaward from the seaward line of Zone 3.

Data Field Number	Instructions
9	County/Parish Name (A16): Enter the name of the county/parish in which the field or field area is located, from the Register of Data Standards, IDCNTY. When a field covers parts of more than one county/parish enter the name for the county/parish which contains the most dedicated acreage or the largest amount of reserves.
10	Offshore Area Name (A16): Enter the name of the offshore area as described in Data Field 8 above. (IDCNTY)
11	Natural Gas Area Code (N2): Enter the natural gas area code, from the Register of Data Standards, IDNGAR.
12	Natural Gas Area Name (A16): Enter the name of the appropriate natural gas area, from the Register of Data Standards, IDNGAR.

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DETAILED INSTRUCTIONS: SCHEDULE 0404	SUPPLY SOURCE IDENTIFICATION AND FIVE YEAR SCHEDULING	4 of 4

Data Field Number	Instructions
13	Type Deliverability Code (N1): Enter the gas deliverability code from the following: (TYGSDL) 1 = Completion 2 = Reservoir 3 = Field 4 = Group (including plants)
14	Quantity Total Five Year Scheduled (N8.3) MMCF: Enter the total volume scheduled for the next five years.
15	Quantity Total Non-Scheduled (N8.3) MMCF: Enter the total volume non-scheduled for the next five years.
16	Year of Volume Scheduling (N4): Enter, chronologically, the calendar year corresponding to the volume scheduled, in the format YYYY. (TMYEAR)
17	Number of Net Completions Scheduled (N4.1) NO: Enter, chronologically, the projected number of the net total completions to one decimal used in calculating the volumes scheduled for five years.
18	Gathering Line Pressure (N6.3) PSIA: Enter, chronologically, the estimated gathering pipeline pressure for five years corresponding to the volumes scheduled. Gathering pipeline pressure is the particular pressure that the completion(s) flow against. It is the pipeline pressure used in calculating the deliverability.
19	Quantity Scheduled Annually (N8.3) MMCF: Enter, chronologically, the estimated annual volumes of salable gas from the source of supply for the next five years.

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DETAILED INSTRUCTIONS:
SCHEDULE 0405 PIPELINE RESERVOIR DATA

I. DESCRIPTION

This schedule is used to provide reservoir data and dedicated remaining recoverable salable reserves.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies, unless the company has (1) year end recoverable reserves consisting of 50 billion cubic feet or less of company owned and independent producer contract reserves at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit, or (2) purchased its entire supply of natural gas from another pipeline company subject to the Commission's jurisdiction and/or purchased from foreign suppliers.

B. Respondents shall complete all applicable data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions for Data Fields 6-14. Data Fields 1, 2, 4 and 5, shall be submitted annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. There is no provision for negative numbers on this schedule.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components (or groups of components) which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

F. Field Totals: Respondents shall submit field totals as the last entry for each field. These totals should be the sum of the individual reservoirs in the field, weighted where appropriate. Field totals shall be indicated by entering "999999" in data field 3, Reservoir ID, and the words "Field Totals" in data field 4, Reservoir Name. Respondents who cannot provide individual reservoir totals shall complete data fields 1 through 14 and data field 63, as a minimum, for each reservoir.

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DETAILED INSTRUCTIONS:
SCHEDULE 0405 PIPELINE RESERVOIR DATA

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Group Code (A6): Enter the six digit gas source code, from the Register of Data Standards, IDGSPD.
2 (Key)	Field Code (A6): Enter the assigned field code number, from the Register of Data Standards, IDGPFL. If the field code is not listed in the Register of Data Standards, contact the Head, Supply & Production Section, BNG, Federal Power Commission, and a code will be assigned.
3 (Key)	Reservoir ID (A6): Enter a unique, sequential (respondent assigned) identification code, as specified in the Register of Data Standards, NRCADL. Enter "999999" for field totals.
4	Reservoir Name (A26): Enter the reservoir name for which reserves are being reported. Reservoir is the definitive term of an individual hydrocarbon accumulation and its name usually corresponds to the U.S. Geological Survey recognized name of the rock formation in which the accumulation occurs. The colloquial name used by local inhabitants is acceptable. Once the name is submitted do not change it. If the formation produces from several different zones, each zone is usually given an individual name. In a field consisting of a single reservoir, the reservoir is the field. However, except for the Appalachian Region (see Level II Instructions, definitions for Field and Pool) it is only rarely that the names are identical. In most cases the reservoir name should be distinctly different from the field name. Enter "Field Totals" for field totals.
5	Reservoir Geologic Age Code (N3): Enter a three digit numeric code to identify the units of Geologic Age of the rocks, from the Register of Data Standards, TYGRGA.
6	Type Gas Code (A1): Indicate by code letter the type of gas accumulation (TYGRGS). A = Associated C = Combined Associated & Solution T = Combined Non-Associated N = Non-Associated S = Solution M = Mixed (non-associated, associated and/or solution)
7	Depth of Reservoir (N5) FT: Report to the nearest foot the depth of the reservoir as carried on company records.

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DETAILED INSTRUCTIONS: SCHEDULE 0405	PIPELINE RESERVOIR DATA	3 of 10

Data Field Number	Instructions
8	Indicator Classification of Reservoir Depth: Average or Top of Pay (N1): Enter one of the following codes: (INETOR) 1 = Average 2 = Top of Pay
9	Classification of Reservoir (N2): Enter the two digit numeric code for classification of reservoir by type of geologic trap: (TYGRCL) 10 = Structural Traps 11 = Structural Traps - by folding 12 = Structural Traps - faulting 13 = Structural Traps - fracturing 14 = Structural Traps - combination of 11-13 20 = Stratigraphic Traps 21 = Stratigraphic Traps - Primary - Lenses and Facies of Clastic or Igneous Rock 22 = Stratigraphic Traps - Primary - Lenses and Facies of Chemical Rocks, Reefs, etc. 23 = Stratigraphic Traps - Secondary - Disconformity 24 = Stratigraphic Traps - Secondary - Non-conformity 30 = Piercement Dome Combination Traps 31 = Piercement Dome Combination Traps - Structural Traps produced by piercement 32 = Piercement Dome Combination Traps - Stratigraphic Traps produced by piercement 00 = Unspecified 99 = Other
10	Basic Lithology (N2): Enter the code for basic lithology from the Register of Data Standards, TYGRLT. If unable to classify the reservoir rock as being primarily one of the three types listed, leave this data field blank.
11	Year First Reported (N2): Enter the last two digits of the year in which the reported gas reserves were first reported to the FPC, in the format YY. (TMYEAR)
12	ID Reservoir Seller or Operator (A35): Enter the name of either a principal signatory seller or operator who has filed a Rate Schedule with the FPC, covering the gas sale(s) to your pipeline from the subject reservoir. In those instances where there are two or more principal signatory sellers or operators enter the name of your choice. (IDRESP)
13	ID Reservoir First Jurisdictional Purchaser (A35): Enter the name of one other jurisdictional pipeline purchaser which to your knowledge has dedicated reserves in the reservoir being reported. Use Data Field 14 below, for reporting a second such pipeline purchaser. If there are more than two

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Data Field Number	Instructions
13 (cont'd)	such pipeline purchasers report the names of the two which to your knowledge or belief are the largest purchasers. (IDNAME)
14	ID Reservoir Second Jursidictional Purchaser (A35): Enter the name of a second other jurisdictional pipeline purchaser which to your knowledge has dedicated reserves in the reservoir being reported. (IDNAME)
15	Type Calculation Used in Estimating Reserves (N1): Enter the appropriate numeric code below to report the method in making the reserve estimate for the reservoir. (TYGRSE) 1 = Volumetric 2 = Pressure Decline 3 = Material Balance 4 = Nominal 5 = Time Decline
16	Total Producing Completions (N4.1) NO: Enter the total currently producing completions in the reservoir as of the filing date. Report all completions which produced during the report period even though they were shut-in for workover before the report period ended. Do not include wells which produced but were plugged and abandoned before the report period ended. The desired data here is the total number of completions producing in the total reservoir from which you are reporting dedicated reserves. If unable to furnish the total number of producing completions as defined, the alternate method of reporting is to report the total number of completions producing from the reservoir that are located on the acreage dedicated to or controlled by your company as of the filing date. Report all such completions which produced during the report period even though they were shut-in for workover before the report period ended. Unless "1" is entered in Data Field 17 below, all values for this item will be recorded as Gross Total Producing Completions in the entire reservoir.
17	Indicator for Reservoir Alternate Method (N1): Enter "1" in this data field if the alternate method is used for reporting the data in Data Field 16 as described above; if not, enter "0". (INYOMO)
18	Net Producing Completions (N4.1) NO: Enter the present number of producing completions (including fractional interest to the nearest tenth) that are dedicated to or controlled by the pipeline company.
19	Dedicated Percent of Sellers Reserves (N3.3) PCT: The net dedicated percent of sellers reserves to the nearest thou-

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DETAILED INSTRUCTIONS:
SCHEDULE 0405

PIPELINE RESERVOIR DATA

Data Field Number	Instructions
19 (cont'd)	sandth of a percent. "Sellers" means everyone who is selling gas to you from the reported reservoir under a gas purchase contract. Be sure to exclude pipeline company ownership in this value (Alternate method: Report the net Dedicated Percent of the Total Reservoir, enter the number "1" in Data Field 20 below. Be sure to include pipeline company ownership in this value.)
20	Indicator Alternate Method Calculation of Sellers Reserves (N1): Enter "1" in this data field if alternate method was used in reporting Data Field 19 above; if not, enter "0". (INYONO)
21	Production Decline Factor (N6.3) MMCF: Enter the volume of gas in MMCF rounded to 3 decimal places at 14.73 PSIA at 60° Fahrenheit that is projected to be produced when the reservoir pressure divided by the gas deviation factor is reduced by one PSI. NOTE: For 100 percent water drive reservoirs, this item is not applicable. In case of partial water drive, if desired, indicate by footnote.
22	Quantity Cumulative Wet Gas at Current Pressure (N7.3) PSIG: If type of calculation (Data Field 15) is coded "2", i.e., Pressure Decline, report the Cumulative Wet Gas Production corresponding to the Current Pressure reported in Data Field 23 immediately following. For all other type of reserves calculations, this data field shall be left blank.
23	Current Pressure Used in Reserve Calculations (N2.3) PSIA: If type of calculation, Data Field 15 is coded "2", i.e., Pressure Decline, report the latest pressure used in the reserve calculation. Indicate by footnote if the value was NOT obtained during the report year. For all other type of reserves calculations, this item is not required and should be left blank.
24	Terminal Pressure of Reserve (N2.3) PSIA: This is a judgment factor and since economic forces affect this, periodic updating can be expected. What is desired is your current judgment after evaluation of existing economic circumstances. NOTE: If the reserve estimate is a volumetric calculation and the Recovery Factor (Data Field 40) is reported, then this item need not be reported.
25	Type of Pressure Measurement (N1): This item relates to both Current Pressure and Terminal Pressure. Enter one of the following codes: (TYGPRM) 1 = Bottom Hole Shut-in PSIA 2 = Wellhead Shut-in PSIA 3 = Wellhead Flowing PSIA 4 = Bottom Hole Flowing PSIA

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SCHEDULE 0405

PIPELINE RESERVOIR DATA

Data Field Number	Instructions
26	Current Z (N1.4) PSIA: If Type of Calculation (Data Field 15) is coded "2", i.e., Pressure Decline, report to the nearest ten thousandth, the Z value determined for the Current Pressure reported in Data Field 23 above. For all other types of reserves calculations, this item is not required and should be left blank.
27	Terminal Z (N1.2) PSIA: Enter Terminal Z to nearest hundredth. This item is recognized as being a judgment factor and that it has a direct bearing on the recoverable reserves. What is desired is the estimated terminal Z if such was used in determining the recoverable reserves reported in Data Field 30 below. NOTE: If the Reserve Estimate is a volumetric calculation and the Recovery Factor (Data Field 40) is reported then this item need not be reported.
28	Quantity Initial Wet Gas (N7.3) MMCF: Enter in MMCF, your most recently determined Initial Wet Gas-In-Place for the total reservoir. Where it is not possible to report total reservoir reserves, the following alternate method will be used. Report, in MMCF, the total volume of your most recently determined Initial Wet Gas-In-Place in that portion of the reservoir which underlies the acreage dedicated to or controlled by your company. If this alternate method is used, enter "1" in Data Field 29 above, identifying Initial Wet Gas-In-Place as Dedicated Initial Wet Gas-In-Place. Unless "1" is entered in Data Field 29 above, all values for this item will be recorded as Gross Total Initial Wet-In-Place in the entire reservoir. NOTE: For Volumetric Estimates, this Item must agree with the Productive Area-Acres reported in Data Field 41 below. For all types of reserve estimates, all subsequent gas volumes reported for this same reservoir will be on the same reporting basis as you have chosen for reporting Initial Wet Gas-In-Place.
29	Indicator Alternate Method of Calculation of Wet Gas (N1): Enter letter "1" in this data field if alternate method is used in calculating Wet Gas; if not, enter "0". (See Data Field 28 above). (INYONO)
30	Quantity Recoverable Wet Gas (N7.3) MMCF: Enter in MMCF, your most recently determined Original Recoverable Wet Gas. For a Volumetric Estimate the value to be entered is the product of Initial Gas-In-Place, Data Field 28 above, and the Recovery Factor, Data Field 40 below. (See Note, Data Field 28 above.) For a pressure decline, the value will be derived from the decline curve used to report the Decline Factor on Data Field 21 above.

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DETAILED INSTRUCTIONS:
SCHEDULE 0405 — PIPELINE RESERVOIR DATA — 7 of 10

Data Field Number	Instructions
31	Quantity Cumulative Wet Gas Production (N7.3) MMCF: Enter in MMCF, the Cumulative Wet Gas Production through December 31 of the report year. This item must agree with Initial Wet Gas-In-Place reported in Data Field 28 above.
32	Quantity Remaining Recoverable Wet Gas (N7.3) MMCF: Enter in MMCF, the remaining recoverable Wet Gas as of December 31 of the report year. The value desired here is the difference between total original recoverable Wet Gas, Data Field 30, and the cumulative Wet Gas Production, Data Field 31 above.
33	Percent Fuel and Shrinkage Factor (N1.2) PCT: Enter the average Fuel and Shrinkage as a decimal fraction. The value desired is that computed from the difference between the gas produced at the wellhead and the gas that enters the pipeline. It may include separator losses, field uses, flare gas, and plant losses. However, if plant losses are included in requirements, they must be omitted here.
34	Quantity of Total Remaining Recoverable Dry Gas Reserves (N7.3) MMCF: Enter, in MMCF, the total remaining recoverable dry gas as of December 31 of the report year. The intent is to report the gas available to the pipeline after deductions for Fuel and Shrinkage.
35	Quantity of Dedicated Remaining Recoverable Dry Gas Reserves (N7.3) MMCF: Enter, in MMCF, Net Dedicated Recoverable Dry Gas Reserves as of December 31 of the report year. The value desired is the net dedicated portion of the Total Remaining Recoverable Dry Gas reported in Data Field 34 above.
36	Total Quantity of Annual Dry Gas Production (N6.3) MMCF: Enter the volume of gas in MMCF produced from the reservoir during the report year. This value includes company owned annual dry gas production.
37	Quantity of Company Owned Annual Dry Gas Production (N6.3) MMCF: Enter the total of salable gas in MMCF produced from a company owned source of supply during report year and which was included in the total production entered in data field 36 above.
38	Quantity of Remaining Company Owned Dry Gas Reserves (N7.3) MMCF: Enter the volume of company owned reserves in MMCF included in the Total Remaining Recoverable Dry Gas Volumes reported in Data Field 34 above.
39	Quantity Dedicated Annual Dry Gas Production (N6.3) MMCF: Enter the Annual Dry Gas Production in MMCF from that portion of the reservoir which underlies the acreage dedicated to or controlled by your company in whole or in part.

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DETAILED INSTRUCTIONS:
SCHEDULE 0405 — PIPELINE RESERVOIR DATA — 8 of 10

Data Field Number	Instructions
GENERAL:	Unless the Type Calculation (Data Field 15) is coded "1", i.e., Volumetric, the following data requested in Data Fields 40-62 are not required.
40	Recovery Factor (N1.2) NO: Enter the recovery factor in decimal fractions, not percents. Since this is the average recovery factor it must agree with the data reported in Data Field 28 above. That is, it will either be the average for the total reservoir, or the average of that portion of the reservoir which underlies the acreage dedicated to or controlled by your company in whole or in part.
41	Productive Area Acres (N6.1) ACRE: The decimal value (10th of acres) was provided because the computations involving the use of a planimeter usually call for averaging two or more readings which almost always results in a decimal fraction. It should not be interpreted as implying extreme accuracy in determing productive areas. Rounding to the nearest acre is acceptable; in which case the space to the right of the decimal will be left blank to indicate rounding.
42	Indicate Acres Area Rounding (N1): Enter "1" in this data field if rounding was used in Data Field 41 above; if not, enter "0". (INYONO)
43	Average Net Thickness Feet (N4.1) FT: The decimal value (10th of feet) was provided because the effective pay section of a reservoir is usually determined from averaging the values of several well logs and core samples. Consequently the net thickness has usually been reported to the FPC to the nearest tenth of a foot but this fact has never been and should not be interpreted as implying extreme accuracy in determining the net thickness (effective pay) of a natural gas reservoir. Rounding to the nearest foot is acceptable; in which case the space to the right of the decimal will be left blank to indicate rounding.
44	Indicator Net Thickness Rounding (N1): Enter "1" in this data field if rounding was used in Data Field 43 above; if not, enter "0". (INYONO)
45	Reservoir Volume (N8.1) ACFT: The decimal value (10th of Acre/Ft) is provided for the reasons given previously herein. The data desired is the product of the values contained in Data Fields 41 and 43 above. If rounding was employed in Data Fields 41 and 43 above, it will also be employed here.
46	Percent Reservoir Porosity (N2.1) PCT: The decimal value (10ths of a percent) is provided to allow the inclusion of

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DETAILED INSTRUCTIONS:
SCHEDULE 0405

PIPELINE RESERVOIR DATA

Data Field Number	Instructions
46 (cont'd)	fractional values usually encountered when making a porosity determination from several different data sources. Rounding to the nearest percent is acceptable; in which case the space to the right of the decimal will be left blank to indicate rounding. The value desired is your best estimate of the average porosity of the reservoir which you have derived from the basic data available to your company. It is specifically to be the value used in deriving the gas reserves entered on Data Field 28 above.
47	Indicator Porosity Rounding (N1): Enter "1" in this data field if rounding was used in Data Field 46 above; if not, enter "0". (INYONO)
48	Type Reservoir Porosity Calculation Code (N1): One space is provided for numerically coding how porosity was determined. Code "4" (Combination) refers to the use of both core samples and well logs in making your determination. Code "3" (Estimated) includes any other method used to derive porosity not covered by Codes "1" (Cores), "2" (Logs), and "4" (Combination). Enter one of the following: (TYPORS) 1 = Cores 2 = Logs 3 = Estimated 4 = Combination
49	Percent Connate Water (N2.1) PCT: The decimal value (10ths of a percent) is provided to allow inclusion of fractional values usually encountered when making a connate water determination from several different data sources. Rounding to the nearest percent is acceptable, in which case the space to the right of the decimal will be left blank to indicate rounding. The value desired is your best estimate of the average connate water of the reservoir which you have derived from the basic data available to your company. It is specifically to be the value used in deriving the gas reserves reported on Data Field 28 above.
50	Indicator Connate Water Rounding (N1): Enter "1" in this data field if rounding was used in Data Field 49 above; if not, enter "0". (INYONO)
51	Type Connate Water Calculation (N1): Enter the same code scheme used in Data Field 48 above. (TYPORS)
52	Temperature of Reservoir Rankine Degrees (N4) DEGR: The value entered must be the Exact Rankine Equivalent of the value used in deriving the gas reserves reported in Data Field 28 above.

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FEDERAL POWER COMMISSION
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DETAILED INSTRUCTIONS:
SCHEDULE 0405

PIPELINE RESERVOIR DATA

Data Field Number	Instructions
53	Initial Reservoir Pressure (N5) PSIA: The value entered must be the value used in deriving the gas reserves reported in Data Field 28 above. Data Field 54 below, will identify the type pressure reported.
54	Type Initial Pressure Code (N1): This item relates to Initial Pressure. Enter one of the following numeric codes which describe the pressure reported. (TYGPRM) 1 = Bottomhole Shut-In PSIA 2 = Wellhead Shut-In PSIA 3 = Wellhead Flowing PSIA 4 = Bottomhole Flowing PSIA
55	Initial Z (N1.4) PSIA: Enter Initial Z to nearest ten thousandth.
56	Specific Gravity Reservoir Gas (N1.3) SGG: Enter the specific gravity of the reservoir gas to three decimal places.
57	Quantity Reservoir Initial Yield (N3) BBL/MCF: Enter the initial condensate yield in barrels per MCF to the nearest BBL.
58	Mole Percent Hydrogen Sulfide (N2.2) PCT: Enter the mole percent hydrogen sulfide rounded to two decimal places.
59	Mole Percent Nitrogen (N2.2) PCT: Enter the mole percent nitrogen rounded to two decimal places.
60	Mole Percent Carbon Dioxide (N2.2) PCT: Enter the mole percent carbon dioxide rounded to two decimal places.
61	Gas/Oil Ratio or Gas/Liquid Ratio (N6) NO: Enter the Gas/Oil Ratio (GOR) or Gas/Liquid Ratio (GLR) at original reservoir conditions in cubic feet of natural gas per barrel oil or condensate liquid.
62	Initial Formation Volume Factor (FVF) (N1.2) NO: Enter the Initial Formation Volume Factor at original reservoir conditions to the nearest hundredth. Where the reported reserves are from a Solution Gas Reservoir, this item need not be entered.
63 (Key)	State Abbreviation (A2): Enter the abbreviation to identify the location of the gas producing field whose FPC Field Code was reported in Data Field 2 above, from the Register of Data Standards, IDSTAT.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0406	GAS SUPPLY SOURCE DELIVERABILITY ESTIMATE	1 of 5

I. DESCRIPTION

This schedule is used to collect gas deliverability estimates.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies, unless the company has (1) year end recoverable reserves consisting of 50 billion cubic feet or less of company owned and independent producer contract reserves at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit, or (2) purchased its entire supply of natural gas from another pipeline company subject to the Commission's jurisdiction and/or purchased from foreign suppliers. Respondents meeting conditions (1) and/or (2) above shall submit Schedule 0407, in lieu of this schedule.

B. Respondents shall complete all applicable data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. There is no provision on this schedule for reporting negative volumes.

E. Report the back-pressure or flow test data that was used in calculating the deliverability. If the deliverability is calculated on a reservoir basis, test information representative of the average well in the reservoir may be reported. If the deliverability is calculated on a field basis, test information representative of the average well in the field may be reported. If certain factors were not used, not applicable, or not available, leave data field(s) blank.

F. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INFORMATION

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

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DETAILED INSTRUCTIONS: SCHEDULE 0406	GAS SUPPLY SOURCE DELIVERABILITY ESTIMATE	2 of 5

Data Field Number	Instructions
1 (Key)	Group Code (A6): Identify the composite supply source by entering the group code, from the Register of Data Standards, IDGSPG.
2 (Key)	Field Code (A6): Enter the assigned field code number, from the Register of Data Standards, IDGFFL. If the field code is not listed in the Register of Data Standards, contact the Head, Supply & Production Section, BNG, Federal Power Commission, and a code will be assigned.
3 (Key)	Reservoir ID (A6): Enter a unique, sequential (respondent assigned) identification code, as specified in the Register of Data Standards, NRCADL.
4	Well Lease Name (A16): Enter the well lease name, from the Register of Data Standards, IDDESC.
5 (Key)	Well Lease Number (N4): Enter the well completion number, as specified in the Register of Data Standards, IDEQPT.
6	API Well Number (N14): Enter the API number, from the Register of Data Standards, IDWELL.
7	Percent of Respondent Interest in Well (N3.4) PCT: Enter the ownership interest of your company in the well to four decimal places.
8	Date Well Back Pressure Test (N6): Enter the date of the back pressure test for a completion or the date that the average back pressure curve or equation was computed for a reservoir or field, in the format MMDDYY. (TMDATE)
9	Type Well Test Code (N1): Enter the numeric code for the test being reported. Use one of the following codes: (TYGWTM) 1 = Multi-point back pressure test 2 = 24-hour flow test (DT-1, G-2, etc.) 3 = Drill Stem test in cased hole 4 = Drill Stem test in uncased hole 5 = Shut-In pressure test 9 = Other
10	Type Deliverability Code (N1): Enter the gas deliverability code from the following: (TYGSDL) 1 = Completion 2 = Reservoir 3 = Data Field 4 = Group (including plants)

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DETAILED INSTRUCTIONS: SCHEDULE 0406	GAS SUPPLY SOURCE DELIVERABILITY ESTIMATE	3 of 5

Data Field Number	Instructions
11	Diameter of Flow String (N2.3) IN: Enter the internal diameter of the flow string in inches to three decimal places. If annular flow or tapered string, use equivalent flow string diameter.
12	Vertical Well Depth (N5) FT: Enter the vertical depth of the well in feet.
13	Length of Flow String (N5) FT: Enter the length of flow string in feet.
14	Specific Gravity of Full Well Gas (N1.3) SGG: Enter the specific gravity of the full well stream gas (air = 1.000) to three decimal places.
15	Specific Gravity Separator Gas (N1.3) SGG: Enter the specific gravity of the separator gas (air = 1.000) to three decimals. Report only if the specific gravity of the full well stream gas is NOT available.
16	Ratio Gas Oil or Gas Liquid (N6) NO: Enter the gas oil ratio or gas liquid ratio in cubic feet per barrel. Report only if the specific gravity of the full well stream gas is not available.
17	Specific Gravity of Condensate (N2.1) DEGA: Enter the specific gravity of the condensate in ° API to one decimal place. Report only if the specific gravity of the full well stream is not available.
18	Mole Percent of Carbon Dioxide (N2.2) PCT: Enter the mole percent of carbon dioxide to two decimal places.
19	Mole Percent of Nitrogen (N2.2) PCT: Enter the mole percent of nitrogen to two decimal places.
20	Mole Percent of Hydrogen Sulfide (N2.2) PCT: Enter the mole percent of hydrogen sulfide to two decimal places.
21	Shut-In Wellhead Temperature (N3) DEGR: Enter the shut-in wellhead temperature in degrees, Rankine.
22	Flowing Wellhead Temperature (N3) DEGR: Enter the flowing wellhead temperature of the full well stream gas in degrees, Rankine.
23	Temperature at Reservoir Sandface (N3) DEGR: Enter the temperature at the reservoir sandface in degrees, Rankine.

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DETAILED INSTRUCTIONS: SCHEDULE 0406	GAS SUPPLY SOURCE DELIVERABILITY ESTIMATE	4 of 5

Data Field Number	Instructions
24	Shut-In Wellhead Pressure (N2.3) PSIA: Enter the shut-in wellhead pressure, in PSIA, which is the pressure at the wellhead when the completion is shut-in.
25	Flowing Wellhead Pressure (N2.3) PSIA: Enter the flowing wellhead pressure, in PSIA, which is the pressure at the wellhead when the completion is flowing in.
26	Formation Pressure (N2.3) PSIA: Enter formation pressure, in PSIA, which is the bottom hole pressure when the completion is shut-in.
27	Sandface Pressure (N2.3) PSIA: Enter the sandface pressure, in PSIA, which is the bottom hole pressure when the completion is flowing.
28	Coefficient C Back Pressure Equation (N4.3) PCT: The coefficient C in the particular bottom hole back pressure equation namely, $Q=C\ (P_f^2 - P_s^2)^n$ Mcf/day/(thousands of $PSIA^2)^n$. Seven digits are permitted, four integers and rounded to three decimal places.
29	Value Slope Back Pressure Curve (N1.3) PCT: Enter the value of the slope n to three decimal places which should fall between the limits of 0.500 and 1.000. If the points defining back pressure curve yield a slope greater than 1.000 then a curve with a slope of 1.000 will be drawn through the point of the highest rate of flow. If the points yield a slope less than 0.500 a curve with a slope of 0.500 will be drawn through the points of the highest rate of flow. Four digits are permitted including three digits to the right of the decimal.
30	Indicator Flow Rate Modifier (N1): Enter "1" if the separator gas rate is entered in Data Field 31; enter "Ø" if rate is reported for full well stream flow. (INYONO)
31	Rate of Flow Per Day (N6.3) MMCF/DY: The rate of flow, in MMCF (to three decimal places) per day, to be reported is the full well stream gas rate rather than residue gas rate. However the separator gas rate may be reported by entering "1" in Data Field 30 above. All rates of flow not indicated by "1" in Data Field 30 above, will be treated as full well stream flow. In the case of a reservoir or a field, enter MMCF/day for the average completion.
32	Duration of Flow Stream (N4.1) HR: The duration of flow is to be entered in hours to one decimal place for the case of a completion test. This item is to be left blank for the case of a reservoir or field back-pressure curve or equation.

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DETAILED INSTRUCTIONS: SCHEDULE 0406	GAS SUPPLY SOURCE DELIVERABILITY ESTIMATE	5 of 5

Data Field Number	Instructions
33	Volume Wellhead Open Flow (N6.3) MMCF: Enter the volume of gas, in MMCF per day, that would be produced by a completion if the flowing wellhead pressure Pt in the wellhead performance back-pressure equation $Q=C\ (P_c^2 - P_t^2)n$ were atmospheric. In the case of a reservoir or a field, enter the volume computed for the average completion. NOTE: Absolute Open Flow (Data Field 34 below) may be reported in lieu of this data item. If so, leave this item blank. Report either Data Field 33 or 34.
34	Volume Wellhead Absolute Open Flow (N6.3) MMCF: Enter the volume of gas, in MMCF per day, that would be produced by a completion (the average completion in the case of a reservoir or field) if the only pressure against the face of the producing sand in the well bore were atmospheric pressure. NOTE: Wellhead Open Flow (Data Field 33 above) may be reported in lieu of this data item. If so, leave this item blank. Report either Data Field 33 or 34.
35	Daily Productive Capacity - Non-Associated (N8.3) MMCF: Enter the Productive Capacity, in MMCF per day, at 14.73 PSIA at 60° Fahrenheit for non-associated natural gas reservoirs as defined on pages 109 and 110 of Volume 23 of "Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada as of December 31, 1968," published jointly by the American Gas Association, Inc., the American Petroleum Association, and the Canadian Petroleum Association. Estimates should be as of the end of the calendar year.
36	Daily Productive Capacity-Associated and Solution (N8.3) MMCF: Enter the productive capacity, in MMCF per day, of all associated and solution gas reserves included in the gas supply source. For these supplies, report the maximum daily quantity that the pipeline can reasonably rely on. The estimates should be as of the end of the calendar year.
37	Maximum Daily Quantity (N8.3) MMCF: Enter, in MMCF per day, the maximum daily quantity, which is the maximum volume of gas per day at 14.73 PSIA at 60° Fahrenheit, the pipeline can reasonably rely upon from a given supply source.
38	BTU Per Cubic Foot Saturated (N4.2) BTU/CF: Enter the gross heating value of the salable gas expressed in British Thermal Units (BTU) per cubic foot on a saturated basis.
39 (Key)	State Abbreviation (A2): Enter the state abbreviation to identify the location of the field reported in Data Field 2 above, from the Register of Data Standards, IDSTAT.

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I. DESCRIPTION

This schedule is used to collect data on the committed reserves and deliverability estimates for other supply sources.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies which are subject to the requirements of #260.7a of the Commission's regulations (18 CFR 260.7a) prescribed by Order No. 308, in Docket No. R-308, (1) whose remaining recoverable salable natural gas reserves, company owned independent producer contract at the end of the report year are 50 billion cubic feet or less at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit, (2) Natural Gas Pipeline companies which purchased their entire supply of natural gas from another pipeline company which is subject to the Commission's jurisdiction and/or which purchased from foreign suppliers, or (3) Natural Gas Pipeline companies reporting miscellaneous supplies. Report committed reserves and deliverability estimates for all such other supply sources which are primarily from reporting pipeline company's point of view, supported by the terms of gas purchase contracts covering such diverse gas sources as LNG, SNG, pipeline purchases, warranty contracts and purchases from some plants which primarily specify gas volumes without identifying reservoirs and fields from which the gas is produced. All other plant purchases as well as miscellaneous supplies, are to be reported on Schedules 0405 and 0406 using the procedures described under the Instructions for those schedules.

B. Respondents shall complete all applicable data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. There is no provision on this schedule for reporting negative numbers.

E. Due to the diversity of supply sources reported on this schedule, all data fields will not be filled in. No particular importance should be read into the number of blank data fields per se.

F. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Supply Class Code (A1): Enter only one of the following alphabetic codes: (TYCSPY) A = LNG B = SNG C = Pipeline D = Warranty Contract E = PLANT (Code E is to be used for reporting PLANT data only when fields and/or reservoirs cannot be identified and only the gas volumes committed under gas purchase contract are known. All other plants are to be reported on Schedules 0405 and 0406). F = Field O = Other (code O is to be used only if the gas purchase does not qualify as any other supply class listed.
2 (Key)	Group Code (A6): Enter the group code identifying the group name (Data Field 3 below), from the Register of Data Standards, IDGSPG.
3	Group Name (A26): Enter the name by which the gas supply source is known, from the Register of Data Standards, IDGSPG. If the name is unspecified, enter "unspecified". However, in most cases at least the name of the Area is known from which the gas is obtained and this name should be used; i.e. Continental U.S., Alaska, Mexico, Canada, Algeria, Venezuela, etc. In cases of SNG source, enter the name of the plant or facility which converts the raw material into gas; i.e. BALTIMORE NAPTHA GASIF FAC - W VA GASIF PLANT. NOTE: Under no circumstances will the name of the pipeline company or other seller be an acceptable entry here. That information is to be entered in Data Field 10, "Pipeline or Other Seller Name".
4 (Key)	Other Source Indicator (N1): A preprinted "1" has been entered in this data field. No other entry is acceptable. (INYONO)
5 (Key)	State Abbreviation (A2): Enter the state abbreviation for state in which the gas supply source is located, from the Register of Data Standards, IDSTAT. When such a source

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Data Field Number	Instructions
5 (cont'd)	covers parts of more than one state, enter the state abbreviation of that state which contains the most dedicated acreage or the largest volume of gas.
6 (Key)	County/Parish Code (N3): Enter the county/parish code, from the Register of Data Standards, IDCNTY, in which the field or offshore area is located. When a field covers parts of more than one county/parish enter the code for the county/parish which contains the most dedicated acreage or the largest amount of reserves. In the case of offshore areas, enter the code corresponding to the offshore area described below. Enter the offshore area name in Data Field 8 below.

FOR ALL OFFSHORE AREAS ENTER: (See Additional Codes for the State of Louisiana)

CODE	NAME	DESCRIPTION
990	OFFSHORE-STATE	that area subject to State jurisdiction only.
995	OFFSHORE-FEDERAL	that area subject to Federal jurisdiction.
999	OFFSHORE-GENERAL	that area where the above distinctions are either unknown or not applicable.

ADDITIONAL CODES FOR THE STATE OF LOUISIANA

NOTICE: Settlement between State and Federal Government will render the following coding obsolete. In that case use coding described above.

CODE	NAME	DESCRIPTION
991	OFFSHORE-ZONE 1	the area lying seaward of and within three geographical miles of the so-called "Chapman-Line".
992	OFFSHORE-ZONE 2	the area which is bounded landward by the seaward boundary of Zone 1 and which is bounded seaward by a line three Marine Leagues from the so-called "Chapman-Line".
993	OFFSHORE-ZONE 3	the area bounded landward by the boundary of Zone 2 and bounded seaward by the seaward boundary

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Data Field Number	Instructions
6 (cont'd)	line of the State of Louisiana as fixed and redefined by Act 33 of the Louisiana Legislature of 1954.
• 994 OFFSHORE-ZONE 4	that portion of the Continental Shelf lying seaward from the seaward line of Zone 3.
7	Natural Gas Area Code (N2): Enter the designated natural gas area code, from the Register of Data Standards, IDNGAR.
8	Offshore Area Name (A16): Enter the associated offshore area name for the code listed in Data Field 7 above. (IDCNTY)
9 (Key)	Pipeline or Other Seller Code (N6): Enter the appropriate code, from the Register of Data Standards, IDRESP.
10	Pipeline or Other Seller Name (A35): If the reported gas supply is obtained from a pipeline, enter the name of the pipeline, from the Register of Data Standards, IDRESP. If the supply is LNG or SNG, enter the name of the seller. In all other cases, enter the name of either a principal signatory Seller or Operator who has filed a Rate Schedule with the FPC, covering the gas sale(s) to your pipeline from the subject gas source. In those instances where two or more principal signatory sellers or operators furnish you with approximately equal amounts of reserves, enter the name of your choice.
11 (Key)	Type Supply Source (A1): Enter one of the following codes: (TYCSPY) A = LNG B = SNG C = PIPELINE D = WARRANTY CONTRACT E = PLANT F = FIELD O = OTHER
12	Import Indicator (N1): If the gas supply source is an import, enter "1"; if not, enter "0". (INYONO)
13	Short Term Indicator (N1): If the gas supply source is committed under a s[illegible] [illegible]rm contract (any short term purchase agreement co[illegible]g a time period of one year or less including "spot pur[illegible]ases"), enter "1"; if not, enter "0". (INYONO)

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DETAILED INSTRUCTIONS: OTHER SUPPLY SOURCES - COMMITTED RESERVES & DELIVERABILITY ESTIMATES SCHEDULE 0407		5 of 6

Data Field Number	Instructions
14	Daily Productive Capacity - Undesignated (N8.3) MMCF: Use this data field for entering the productive capacity of all LNG and SNG, as well as for all other sources where the type of gas purchased is not identified. For such supplies enter, in MMCF per day, the maximum daily quantity that the pipeline can reasonably rely on. The estimate should be as of the end of the calendar year.
15	Daily Productive Capacity - Non-Associated (N8.3) MMCF: Enter the productive capacity, in MMCF per day at 14.73 PSIA at 60° Fahrenheit, for non-associated natural gas reservoirs is defined on pages 109 and 110 of Volume 23 of "Reserves of Crude Oil, Natural Gas Liquids, and Natural Gas in the United States and Canada as of December 31, 1968," published jointly by the American Gas Association, Inc., the American Petroleum Institute and the Canadian Petroleum Association. Estimates should be as of the end of the calendar year. NOTE: LNG and SNG volumes are not acceptable entries for this data field. Use Data Field 14 above, for that purpose.
16	Daily Productive Capacity - Associated and Solution (N8.3) MMCF: Enter the productive capacity, in MMCF per day, of all associated and solution gas reserves included in the gas supply source. For these suppliers, enter the maximum daily quantity that the pipeline can rely on. Estimates should be as of the end of the calendar year.
17	Maximum Daily Quantity (N8.3) MMCF: Enter, in MMCF per day, the maximum daily quantity, which is the maximum volume of gas per day at 14.73 PSIA at 60° Fahrenheit, the pipeline can reasonably rely upon from a given supply source.
18	Heating Value BTU Per Cubic Foot (N4.2) BTU/CF: Enter the gross heating value of the salable gas expressed in British Thermal Units (BTU) per cubic foot of gas on a saturated basis.
19	Quantity Pipeline Source Curtailed (N8.3) MMCF: If the supply class code (Data Field 1 above) is coded "C" (Pipeline), enter, in MMCF rounded to three decimal places, the volume of gas curtailed during the report year; if not, leave blank.
20	Total Curtailment Indicator (N1): Enter "1" in this data field if the volume reported in Data Field 19 is included in the total curtailment volume entered on Schedule 0402, Data Field 22; if not, enter "0". (INYONO)
21	Quantity Company Owned (N8.3) MMCF: Enter that quantity of Data Field 22 below, that is company owned, in MMCF rounded to three decimal places.

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DETAILED INSTRUCTIONS: OTHER SUPPLY SOURCES - COMMITTED RESERVES & DELIVERABILITY ESTIMATES SCHEDULE 0407		6 of 6

Data Field Number	Instructions
22	Committed Reserves Owned and Contracted (N8.3) MMCF: Enter the quantity of remaining recoverable salable gas reserves, in MMCF rounded to three decimal places, for the supply source at the end of the report period.
23	Committed Reserves Gas Purchased and/or Produced (N8.3) MMCF: Enter the volume of salable gas, in MMCF rounded to three decimal places, purchased and/or produced from the supply source during the report year.
24	Committed Reserves - Total Gas Volume Scheduled (N8.3) MMCF: Enter the sum of the annual volumes scheduled in Data Fields 26-30 below, in MMCF rounded to three decimal places.
25	Committed Reserves - Gas Volume Not Scheduled (N8.3) MMCF: Enter the difference between Data Field 22 above, Owned and Contracted, less Data Field 24 above, Total Gas Volume Scheduled, in MMCF rounded to three decimal places.
26	Quantity Scheduled First Year (N8.3) MMCF: Enter, in MMCF rounded to three decimal places, the estimated annual volumes of gas scheduled from the supply source for the first year.
27	Quantity Scheduled Second Year (N8.3) MMCF: Enter, in MMCF rounded to three decimal places, the estimated annual volumes of gas scheduled from the supply source for the second year.
28	Quantity Scheduled Third Year (N8.3) MMCF: Enter, in MMCF rounded to three decimal places, the estimated annual volumes of gas scheduled from the supply source for the third year.
29	Quantity Scheduled Fourth Year (N8.3) MMCF: Enter, in MMCF rounded to three decimal places, the estimated annual volumes of gas scheduled from the supply source for the fourth year.
30	Quantity Scheduled Fifth Year (N8.3) MMCF: Enter, in MMCF rounded to three decimal places, the estimated annual volumes of gas scheduled from the supply source for the fifth year.

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DETAILED INSTRUCTIONS: SCHEDULE 0408 IMPORTER/EXPORTER GASEOUS PHASE NATURAL GAS — 1 of 3

I. DESCRIPTION

This schedule is used to collect detailed information on the import or export of natural gas.

II. GENERAL INFORMATION

A. This schedule shall be submitted by each respondent having authorization to import or export gas.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule shall be completed by each respondent having authorization to import or export natural gas. Use a separate schedule for each authorization (Docket Number). If one authorization involves more than one import or export point, a separate schedule shall be completed for each point. If authorization granted is increased, decreased or extended under a succession of Docket Numbers and all related gas moved through the same border facilities and authorized expansions thereof, moved to or from the same purchaser or supplier, and was subject to the same rate, such transactions shall be combined for reporting purposes and appropriate Docket Numbers shown in Data Field 15. Where transactions are based on volumetric measurement, weighted BTU data shall be used to estimate total monthly BTU's. Amounts paid or received and costs or receipts shall be reported in U.S. dollars.

D. Definitions

1. Transporter: The party or parties, other than buyer or seller, owning the facilities by which gas or LNG is physically transferred between buyer and seller.

2. Costs: All expenses incurred by import up to the U.S. point of delivery for the reported quantity imported.

3. Receipts: All revenues received by exporter for the reported quantity exported.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Indicator Import/Export (N1): Enter "1" for import or "2" for export (INETOR)
2	Foreign Buyer/Seller Name (A35): Enter the name of the foreign buyer or seller using approved standard abbreviations when needed. (IDNAME)

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DETAILED INSTRUCTIONS: SCHEDULE 0408 IMPORTER/EXPORTER GASEOUS PHASE NATURAL GAS — 2 of 3

Data Field Number	Instructions
3 (Key)	Docket Number (A9): Enter the docket number having an alphabetic character in the first position, a hypen in the next position and followed by numerics. If authorization granted is increased, decreased or extended under a succession of Docket Numbers and all related gas moved through the same border facilities and authorized expansions thereof, moved to or from the same purchaser or supplier, and was subject to the same rate, such transactions shall be combined for reporting purposes and appropriate Docket Numbers, entered in Data Field 15 below. (IDDCKT)
4	Type Gas (N1): This data field is preprinted for FPC internal processing only. (INETOR)
5	Name of Transporter (A35): Enter the name of the transporter, other than the buyer or seller, owning the facilities by which gas is physically transferred between the buyer or seller. (IDNAME)
6	U.S. Point of Entry/Exit (A26): Enter the abbreviation for the state at the point of entry or exit. Following the state, enter the U.S. point of entry or exit separated by a comma. (IDDESC)
7	Annual Weighted Average BTU per Cubic Foot (N4.3) BTU/CF: Divide the total MMM BTU of the quantity of natural gas received or shipped at the U.S. entry or exit point by the total MMCF received or shipped, giving the annual weighted average BTU per cubic foot.
8	Annual Weighted Average Price in Cents per MM BTU (N3.3) CT/MMBT: Divide the total cost of receipts by the total MM BTU of the quantity of natural gas received or shipped at the U.S. entry or exit point. Multiply the results by 100 giving the annual weighted average price in cents per MM BTU.
9	Month of Transaction (N2): This is preprinted data field for FPC internal processing only. (TMMOYR)
10	Peak Day Date of Quantity Received or Shipped at Entry or Exit Point (N6): Enter the date, in the format MMDDYY. (TMDATE)
11	Peak Day of Quantity Received or Shipped at Entry or Exit Point (N5.3) MMCF: Enter volumes in MMCF rounded to three decimal places at 14.73 PSIA at 60° Fahrenheit.

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DETAILED INSTRUCTIONS:
SCHEDULE 0408

IMPORTER/EXPORTER GASEOUS PHASE NATURAL GAS

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Data Field Number	Instructions
12	Quantity Received or Shipped at Entry or Exit Point (N7.3) MMCF: Report volumes in MMCF rounded to three decimal places at 14.73 PSIA at 60° Fahrenheit.
13	Quantity MM BTU (N7.3) BTU: Where tranactions are based primarily on volumetric measurement, weighted average BTU data should be used to estimate total monthly BTU's.
14	Amount Paid or Received at Entry or Exit Point (N9) DOL: Amounts paid or received shall be reported in U.S. dollars. Costs are all expenses incurred by the importer up to the U.S. point of delivery for the reported quantity of natural gas imported. Receipts are all revenues received by the exporter for the reported quantity exported.
15 (Key)	Additional Docket Number(s) (A9): Enter additional Docket Numbers, as specified in Data Field 4 above. (IDDCKT)

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DETAILED INSTRUCTIONS:
SCHEDULE 0409 IMPORTER/EXPORTER LIQUIFIED NATURAL GAS

1 of 3

I. DESCRIPTION

This schedule is used to collect detailed information on the import or export of liquified natural gas.

II. GENERAL INFORMATION

A. This ~~schedule~~ shall be submitted by each respondent having authorization to import or export liquified natural gas.

B. Respondents shall complete all data fields on this schedule annually.

C. These schedules shall be completed by each respondent having authorization to import or export natural gas. Use a separate schedule for each authorization (Docket Number). If one authorization involves more than one import or export point, a separate schedule shall be completed for each point. If authorization granted is increased, decreased or extended under a succession of Docket Numbers and all related gas moved through the same border facilities and authorized expansions thereof, moved to or from the same purchaser or supplier, and was subject to the same rate, such transactions shall be combined for reporting purposes and appropriate Docket Numbers shown in Data Field 16. Where transactions are based on volumetric measurement, weighted BTU data shall be used to estimate total monthly BTU's. Amounts paid or received and cost or receipts shall be reported in U.S. dollars.

D. Definitions

1. Transporter: The party or parties, other than buyer or seller, owning the facilities by which gas or LNG is physically transferred between buyer and seller.

2. Costs: All expenses incurred by import up to the U.S. point of delivery for reported quantity imported.

3. Receipts: All revenues received by exporter for the reported quantity exported.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Indicator Import/Export (N1): Enter "1" for import, or "2" for export. (INETOR)
2	Foreign Buyer/Seller Name (A35): Enter the name of the foreign buyer or seller using approved standard abbreviations when needed. (IDNAME)
3	Origin/Destination (A20): Enter origin point, if import; destination point, if export. (IDDESC)

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DETAILED INSTRUCTIONS:
SCHEDULE 0409 IMPORTER/EXPORTER LIQUIFIED NATURAL GAS

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Data Field Number	Instructions
4 (Key)	Docket Number (A9): Enter the docket number having an alphabetic character in the first position, a hypen in the next position and followed by numerics. If authorization granted is increased, decreased or extended under a succession of Docket Numbers and all related gas moved through the same border facilities and authorized expansions thereof, moved to or from the same purchaser or supplier, and was subject to the same rate, such transactions shall be combined for reporting purposes and appropriate Docket Numbers, entered in Data Field 16 below. (IDDCKT).
5	Type Gas (N1): This data field is preprinted for FPC internal processing only. (INETOR)
6	Name of Transporter (A35): Enter the name of the transporter, other than the buyer or seller, owning the facilities by which gas is physically transferred between the buyer or seller. (IDNAME)
7	U.S. Receiving/Loading Point (A26): Enter the abbreviation of the state at the receiving or loading point. Following the state, enter the receiving or loading point separated by a comma. (IDDESC)
8	Mode of Transportation (A2): Enter the mode of transportation, as specified in the Register of Data Standards, TYTRAN.
9	Annual Weighted Average BTU Per Cubic Foot (N4.3) BTU/CF: Divide the total MM BTU of the quantity of LPG received or shipped at the U.S. receiving or loading point by the total MMCF equivalent, giving the annual weighted average BTU per cubic foot.
10	Annual Weighted Average Price in Cents per MM BTU (N3.3) CT/MMBT: Divide the total cost of receipts by the total MM BTU of th quantity of LPG received or shipped at the U.S. entry or exit point. Multiply the results by 100 giving the annual weighted average price in cents per MM BTU.
11	Month of Transaction (N2): This is a pre-printed data field indicating the month; i.e., 01=Jan, 02=Feb, etc. (TMMOYR)
12	Barrels, LPG Received or Shipped (N7) BBL: Enter the liquified natural gas barrels (42 U.S. gallons) of the quantity shipped or received at the U.S. receiving or loading point.

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DETAILED INSTRUCTIONS: SCHEDULE 0409	IMPORTER/EXPORTER LIQUIFIED NATURAL GAS	3 of 3

Data Field Number	Instructions
13	MMCF Equivalent, Quantity Received or Shipped (N7.3) MMCF: Enter volumes in MMCF rounded to three decimal places at 14.73 PSIA at 60° Fahrenheit.
14	MM BTU Quantity Received or Shipped (N7.3) MMBTU: Where transactions are based primarily on volumetric measurements, weighted average BTU data should be used to estimate total monthly BTU's.
15	Amount Paid or Received (N9) DOL: Costs or receipts shall be entered in U.S. dollars. Costs are all expenses incurred by the importer up to the U.S. point of delivery for the reported quantity LPG imported. Receipts are all revenues received by the exporter for the reported quantity exported.
16	Additional Docket Number(s) (A9): Enter additional Docket Numbers, as specified in Data Field 4 above. (IDDCKT)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0410	ANNUAL UNDERGROUND STORAGE SUMMARY	1 of 5

I. DESCRIPTION

This schedule is used to collect information on underground storage operations.

II. GENERAL INSTRUCTIONS

A. This schedule shall be submitted by all Natural Gas Pipeline companies, Class A and Class B, who own, operate, or lease underground storage facilities.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions and deletions for Data Fields 2, 4, and 7-14B. Data Fields 1, 3, 5, 6, and 15-29, shall be submitted annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Field Code (A6): Enter the code identifying the storage field, from the Register of Data Standards, IDGPFL.
2	Field Name (A26): Enter the storage field name, from the Register of Data Standards, IDGPFL.

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DETAILED INSTRUCTIONS: SCHEDULE 0410	ANNUAL UNDERGROUND STORAGE SUMMARY	2 of 5

Data Field Number	Instructions
3 (Key)	Reservoir ID (A6): Enter the unique, sequential (respondent assigned) code, as specified in the Register of Data Standards, NRCADL.
4	Reservoir Name (A26): Enter the storage reservoir name, from the Register of Data Standards. IDDESC.
5 (Key)	Project Location Designation (A1): Enter the geographic location within the USA, using one of the following codes: (IDMJAR) M = Midwest S = South E = East W = West
6 (Key)	State Abbreviation (A2): Enter the state abbreviation for the state with largest amount of acreage, from the Register of Data Standards, IDSTAT.
7	County Code (N3): Enter the county code for the county with largest amount of acreage, from the Register of Data Standards, IDCNTY.
8	Type of Storage Reservoir (A3): Enter one of the following alphabetic abbreviations: (TYGSST) UE = Underground Expansion UW = Underground Waterdive UA = Underground Aquifier LNG = Liquified Natural Gas OTH = All Other Storage
9	Reservoir Status Code (A1): Enter one of the following alphabetic abbreviations: (TYGRST) A = Active D = Developmental Stage P = Proposed F = Future Abandonment R = Reinstated
10	Year Operations Began (N4): Enter the four digit year in which storage operation was begun, in the format YYYY. (TMYEAR)
11	Type Respondent Interest (N1): Enter the one digit code identifying the respondents interest in the field, as follows: (TYRSIN) 1 = Field owned by respondent 2 = Joint ownership

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DETAILED INSTRUCTIONS: SCHEDULE 0410	ANNUAL UNDERGROUND STORAGE SUMMARY	3 of 5

Data Field Number	Instructions
11 (cont'd)	3 = Field leased by respondent 4 = Field operated by respondent 5 = Field operated by others 9 = Other interest
12	Associated Company Indicator (N1): Enter "1" if the co-owner is an associated company; if not, enter "0". Give particulars in a footnote of any gas stored for the benefit of another company under a gas exchange arrangement or basis of purchase and sale for resale to other company. (INYONO)
13	Percent Respondent Interest (N3.2) PCT: Enter the percentage of respondent ownership, rounded to two decimal places.
14	Total Base Gas (N6.3) MMCF: Report the total base gas for each storage field, in MMCF rounded to three decimal places. Base gas is the volume of gas needed as a permanent inventory to maintain adequate reservoir pressure and deliverability rates throughout the withdrawal season. All native gas is to be included in the base gas volume.
15	Working (Top Storage) Gas (N6.3) MMCF: Report the working gas for each storage field, in MMCF rounded to three decimal places Working gas is the volume of gas in the reservoir above the designed level of the base gas. It may or may not be completely withdrawn during only particular withdrawal seasons. Conditions permitting, the total working capacity could be used more than once during any season.
16	Total Gas in Storage (N7.3) MMCF: Report the total gas in storage for each storage field, in MMCF rounded to three decimal places. Total gas in storage is the sum of the base gas (Data Field 14 above) and working (top storage) gas (Data Field 15 above).
17A	Percent Co-owner Interest (N3.2) PCT: Enter the percent of principal co-owner interest if respondent ownership is less than 100%, or operator, if field is not operated by respondent. If more than one principal co-owner, enter the percent and corresponding name (Data Field 17B below) in subsequent occurrences of Data Field 17A.
17B	Name of Co-owner/Operator (A35): Enter the name of principal co-owner if respondent ownership is less than 100%, or operator, if field is not operated by respondent. If more than one principal co-owner, enter the corresponding percent and names in subsequent occurrences of Data Fields 17A and 17B. (IDNAME)

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DETAILED INSTRUCTIONS: SCHEDULE 0410	ANNUAL UNDERGROUND STORAGE SUMMARY	4 of 5

Data Field Number	Instructions
18	Cost of Storage Operation (N8) DOL: Enter the cost of storage operation including land, equipment, etc.
19	Expenses for Storage Operations (N8) DOL: Enter the operating expenses excluding depreciation and taxes.
20	Storage Reservoir Pressure (N2.2) PSIG: Enter the pressure at which gas is stored.
21	Quantity Certificated Storage Capacity (N9.3) MMCF: Enter the certificated storage capacity of the reservoir, in MMCF rounded to three decimal places.
22	Number of Injection/Withdrawal Wells (N3) NO: Enter the number of injection and withdrawal wells in the storage field.
23	Number of Storage Observation Wells (N3) NO: Enter the number of observation wells in the storage field.
24	Quantity Maximum Day's Withdrawal (N5.3) MMCF: Enter the volume of gas withdrawn on maximum one-day withdrawal, in MMCF rounded to three decimal places.
25	Date of Maximum Day's Withdrawal (N6): Enter the date on which the maximum withdrawal from storage was made, in the format MMDDYY. (TMDATE)
26	Capacity Auxiliary Peaking Facility (N7.3) MMCF: Enter the maximum daily capacity, in MMCF rounded to three decimal places, on February 1 of heating season overlapping year-end for this report.
27	Indicator Auxiliary Peaking Operational on High Peak Day (N1): Enter "1" if the auxiliary peaking facility was in operation on high peak day; if not, enter "0". (INYONO)
28	Quantity Total Annual Storage Injections (N9.3) MMCF: Enter the total quantity of gas injected for the year, in MMCF rounded to three decimal places. This figure should equal the sum of Data Field 31 below (January-December Injections).
29	Quantity Total Annual Storage Withdrawals (N9.3) MMCF: Enter the total volume of gas withdrawn from storage during the year. This figure should equal the sum of Data Field 32 below (January-December Withdrawals).
30	Indicator Gas Stored for Others (N1): Enter "1" if gas is being stored for others; if not, enter "0". If gas is stored for others, Schedule 0844, "Gas Stored for Others" is to be completed. (INYONO)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0410	ANNUAL UNDERGROUND STORAGE SUMMARY	5 of 5

Data Field Number	Instructions
31	Quantity of Injections, January through December (N9.3) MMCF: Enter for each month the quantity of gas injected into storage, in MMCF rounded to three decimal places.
32	Quantity of Withdrawals, January through December (N9.3) MMCF: Enter for each month the volume of gas withdrawn from storage, in MMCF rounded to three decimal places.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0411	UNDERGROUND STORAGE DATA - MONTHLY AND SEMI-MONTHLY	1 of 3

I. DESCRIPTION

This schedule is used to collect the monthly and semi-monthly underground storage data.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B, subject to FPC jurisdiction, that operate underground natural gas storage fields in the United States.

B. Respondents shall complete all data fields on this schedule monthly, April-November and semimonthly, December-March.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. When entering estimated volumes on this schedule, enter a "1" on the schedule in Data Field 2, "ID Report Period/Estimate Indicator", if an estimated volume is being supplied in Data Fields 3-8. If the value supplied is the actual volume, enter a "0" in Data Field 2.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Gas Storage Category (A1): This is a preprinted coded data field for FPC internal processing only. (TYGSTC)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0411	UNDERGROUND STORAGE DATA - MONTHLY AND SEMI-MONTHLY	2 of 3

Data Field Number	Instructions
1 (cont'd)	A. Respondent's Gas in Reservoirs Operated by Respondent. Applies to all gas owned by respondent in storage reservoirs which he operates. B. Customers' Gas in Reservoirs Operated by Respondent. Applies to all gas belonging to, stored for, and delivered for the account of a customer or others under storage service or similar contracts including customers or others that are subject to FPC jurisdiction. When the co-owner is also the operator, he shall report the respective portion of the gas storage data for the non-operating co-owners under category B. C. Total of A & B. D. Respondent's Gas in Reservoirs Operated by Others. Applies to any Respondent gas in reservoirs operated by others. (Respondent's total stored gas should equal A & D. Respondent to this schedule who are co-owners of storage reservoirs which they do not operate shall report their respective portions of this gas under category D. E. Reservoirs in the Development Stage. Applies to operators of gas storage reservoirs that are in the development stage.
2 (Key)	ID Report Period/Estimate Indicator (N2): The first position is a preprinted coded data field for FPC internal processing only. Use the second position to indicate estimate by entering "1" for yes, or "2" for no. (INETOR) First Position Values for ID Report Period are as follows: (TYRPTP) 1 = Balance as of Nov. 1 which are the balances on hand at the beginning of the storage withdrawal year commencing Nov. 1. This code applies to only Data Fields 3, 4, 5, and 6. 2 = Nov. 1 to date which applies to Data Fields 7 and 8 are the accumulated injections and withdrawals for the current storage period from Nov. 1 to end of the report period 3 = Current Report Period applies to all Data Fields 3, 4, 5, 6, 7, and 8.
3 (Key)	Total Base Gas (N6.3) MMCF: Report for each category (a) the base gas on hand as of Nov. 1 and (b) for the current report period. Base gas is the volume of gas needed as a permanent inventory to maintain adequate reservoir pressure and deliverability rates throughout the withdrawal season. All native gas is to be included in the base gas volume.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0411	UNDERGROUND STORAGE DATA - MONTHLY AND SEMI-MONTHLY	3 of 3

Data Field Number	Instructions
4	Working (Top Storage) Gas (N6.3) MMCF: Report for each category the (a) working gas on hand as of Nov. 1 and (b) the current report period. Working gas is the volume of gas in the reservoir above the designed level of the base gas. It may or may not be completely withdrawn during only particular withdrawal season. Conditions permitting; the total working capacity could be used more than once during any season.
5	Total Gas in Storage (N7.3) MMCF: Report for each category the (a) total gas in storage as of Nov. 1 and (b) the current report period. Total Gas in Storage is the sum of the base gas and the working gas.
6	Native Gas (N6.3) MMCF: Report for each category (a) the native gas on hand as of Nov. 1 and (b) the current report period. Native Gas is gas in place at the time that the reservoir was converted to storage as contrasted to injected gas. The volume reported in this data field is to be included in Data Field 3 above.
7	Injections (N6.3) MMCF: Report for each category (a) the accumulated injections to storage from Nov. 1 to the end of the current report period and (b) the injections during the current report period. Injections are the volume of gas injected during the applicable reporting period.
8	Withdrawals (N6.3) MMCF: Report for each category (a) the accumulated withdrawals from storage from Nov. 1 to the end of the current report period and (b) the withdrawals during the current report period. Withdrawals are the total volume of gas withdrawn during the applicable reporting period.

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FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0412 PRODUCTS EXTRACTED FROM NATURAL GAS

I. DESCRIPTION

This schedule is used to collect information on the recovery and use of products from natural gas.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B, with operations for recovery of gasoline, butane, propane, etc., from natural gas.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is to be filed on or before the 15th of May following the close of the calendar year reported.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Plant Code (A6): Enter the plant code, from the Register of Data Standards, IDGPFL.
2	Plant Name (A26): Enter the plant name, from the Register of Data Standards, IDGPFL.

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REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0412 PRODUCTS EXTRACTED FROM NATURAL GAS

Data Field Number	Instructions
3 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
4	County Code (N3): Enter the county code, from the Register of Data Standards, IDCNTY.
5 (Key)	Plant Type (A3): Enter the code identifying plant type, from the Register of Data Standards, TYGPLT.
6	Year Placed in Service (N4): Enter the year operation was begun, in the format YYYY. (TMYEAR)
7	Percent Respondent Ownership (N3.2) PCT: Report percentage of respondent interest, rounded to two decimal places.
8	Operation Code (N1): Enter the one-digit code for plant operation, as follows: (TYSTOL) 0 = plant not operated 1 = plant closed part of year 2 = plant in operation entire year
9	Plant Function Code (N1): Enter the one digit plant function code as follows: (TYUTSV) 1 = base load 2 = auxiliary peaking 3 = standby 4 = peak shaving 5 = peaking 6 = cycling
10	Name of Owner/Co-owner (A35): Enter name of principal co-owner if respondent interest is less than 100%. (IDNAME)
11	Type of Process (A3): Enter a three-character abbreviation for the extraction process, as follows: (TYGEXP) REF = refrigeration ABS = absorption ADS = adsorption RAB = refrigeration-absorption AAD = absorption-adsorption LHE = low temperature, low pressure, light hydrocarbon extraction DRC = drip control TUR = turbine CRY = cryogenics OTH = other

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DETAILED INSTRUCTIONS: SCHEDULE 0412	PRODUCTS EXTRACTED FROM NATURAL GAS	3 of 4

Data Field Number	Instructions
12	Annual Plant Cost (N8) DOL: Report plant cost, including land and land rights, structures and equipment.
13	Annual Operating Expenses (N8) DOL: Report expenses relating to operation and maintenance of products extraction facilities, except for fuel, to be reported in Data Field 4 below.
14	Annual Fuel Cost (N7) DOL: Report annual fuel costs, including gas used from company's own supply.
15	Pressure Base (N2.3) PSIA: Enter pressure base, if other than 14.73 PSIA at 60° Fahrenheit.
16	Gas Treating Capacity (N5.3) MMCF: Enter the quantity of gas which may be processed per day, in MMCF rounded to three decimal places.
17	Gas Output Capacity (N6) GAL: Report output capacity per day of gasoline, in gallons.
18	Gas Storage Capacity (N7) GAL: Report amount of gasoline which may be stored, in gallons.
19	Average MCF/GAL (N1.4) MCF/GAL: Report average MCF required per gallon of gasoline, rounded to four decimal places.
20	Respondent Gas Processed (N7.3) MMCF: Report quantity of respondents own gas processed, in MMCF rounded to three decimal places.
21	Gas Processed for Others (N7.3) MMCF: Report the gas processed for others, in MMCF rounded to three decimal places.
22	Shrinkage (N7.3) MMCF: Report shrinkage of gas processed, in MMCF rounded to three decimal places.
23	Gas in Storage End of Year (N7) GAL: Enter, in gallons, the amount of gasoline in storage at end of report year.
24	Gas Used for Fuel (N7.3) MMCF: Enter the gas used for fuel, in MMCF rounded to three decimal places.

NOTE: The following four data fields (25-28) are to be repeated, as needed, for any extracted products used by respondent.

25	Extracted Product Used (A8): Butane, propane, gasoline, etc. (IDDESC)
26	Quantity Used (N7) NO: Report the quantity of gas used by respondent.

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DETAILED INSTRUCTIONS: SCHEDULE 0412	PRODUCTS EXTRACTED FROM NATURAL GAS	4 of 4

Data Field Number	Instructions
27	Unit of Measure (A3): Enter the unit of measure which applies to quantity reported in Data Field 26 above. (TYUMMS)
28	Nature of Use (A40): Describe, very briefly, how extracted product is used. (IDDESC)
29	Products Extracted (A8): Enter the name of each product extracted. (IDDESC)
30	Quantity of Extracted Products (N7) NO: Enter the volume for each each extracted product.
31	Unit of Measure (A3): Enter the unit of measure which applies to the quantity reported in Data Field 30 above. (TYUMMS)

RIS FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0413 MANUFACTURED GAS PRODUCTION 1 of 3

I. DESCRIPTION

This schedule is used to collect information on gas manufacturing plants and manufactured gas.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B, with manufactured gas operations, excluding LPG plants.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is to be filed on or before the 15th of May following the close of the calendar year reported.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Plant Code (A6): Enter the plant code, from the Register of Data Standards, IDGPFL.
2	Name of Plant (A26): Enter the plant name, from the Register of Data Standards, IDGPFL.
3 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.

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DETAILED INSTRUCTIONS:
SCHEDULE 0413 MANUFACTURED GAS PRODUCTION 2 of 3

Data Field Number	Instructions
4	County Code (N3): Enter the county code, from the Register of Data Standards, IDCNTY.
5 (Key)	Plant Type (A3): Enter the code identifying plant type, from the Register of Data Standards, TYGPLT.
6	Year Operation Began (N4): Enter first year of plant operation, in the format YYYY. (TMYEAR)
7	Percent Respondent Ownership (N3.2) PCT: Enter percentage of respondent ownership, rounded to two decimal places.
8	Operation Code (N1): Enter the one digit code for plant operation, as follows: (TYSTOL) 0 = plant not operated 1 = plant closed part of year 2 = plant in operation entire year
9	Plant Function Code (N1): Enter the one digit code for plant function, as follows: (TYUTSV) 1 = base load 2 = auxiliary peaking 3 = standby 4 = peak shaving 5 = peaking 6 = cycling
10	Name of Owner/Co-owner (A35): Enter name of principal co-owner, if respondent ownership is less than 100%. (IDNAME)
11	Annual Plant Cost (N8) DOL: Enter cost of plant (land, equipment, etc.)
12	Annual Operating Expenses (N8) DOL: Enter operating expenses, excluding depreciation, taxes and fuel costs.
13 (Key)	Type of Process (A4): Enter one of the four-character abbreviations for manufacturing process, as follows: (TYGMFG) COKE = coke oven WGAS = water gas OTHR = other process
14	Annual Fuel Cost (N7) DOL: Enter the cost of the manufactured gas used.
15	Quantity Manufactured Gas Produced (N7.3) MMCF: Report quantity of gas manufactured, in MMCF rounded to three decimal places.

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0413	MANUFACTURED GAS PRODUCTION	3 of 3

Data Field Number	Instructions
16	Quantity Mixed with Natural Gas (N7.3) MMCF: Enter quantity of manufactured gas mixed with natural gas, in MMCF rounded to three decimal places.
17	BTU/MCF (N4.2) BTU/MCF: Enter the BTU content of manufactured gas, per MCF, rounded to two decimal places.

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0414	LIQUEFIED PETROLEUM GAS OPERATIONS	1 of 2

I. DESCRIPTION

This schedule is used to collect information on liquefied petroleum gas operations.

II. GENERAL INFORMATION

A. The schedule shall be submitted by all Natural Gas Pipeline companies, Class A and Class B, who own or operate a plant which produces gas from liquefied petroleum gas (LPG).

B. Respondents shall complete all data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Plant Code (A6): Enter the plant code, from the Register of Data Standards, IDGPFL.
2	Plant Name (A26): Enter the plant name, from the Register of Data Standards, IDGPFL.
3 (Key)	State Abbreviation (A[illegible]): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
4	County Code (N3): Enter the county code, from the Register of Data Standards, IDCNTY.

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0414	LIQUIFIED PETROLEUM GAS OPERATIONS	2 of 2

Data Field Number	Instructions
5 (Key)	Plant Type (A3): Enter the code identifying plant type, from the Register of Data Standards, TYGPLT.
6	Year Installed (N4): Enter the year operation was begun, in the format, YYYY. (IMYEAR)
7	Percent of Respondent Ownership (N3.2) PCT: Enter the percentage of respondent ownership, rounded to two decimal places.
8	Operation Code (N1): Enter one of the numeric codes indicating plant operation, as follows: (TYSTOL) 0 = plant not in operation for entire year 1 = plant closed part of year 2 = plant in operation for entire year
9	Plant Function Code (N1): Enter the one digit plant function code, as follows: (TYUTSV) 1 = base load 2 = auxiliary peaking 3 = standby 4 = peak shaving 5 = peaking 6 = cycling
10	Name of Owner/Co-owner (A35): Enter the name of principal co-owner, if respondent ownership is less than 100%. (IDNAME)
11	Annual Plant Cost (N8) DOL: Enter the cost of the plant (land structure, equipment, etc.).
12	Annual Operating Expenses (N8) DOL: Enter the operating expenses, excluding taxes and depreciation.
13	Annual Fuel Cost (N7) DOL: Enter the cost of LPG used.
14	LPG Storage Capacity (N7) GAL: Enter the storage capacity, for LPG, in gallons.
15	Gallons of LPG Used (N7) GAL: Enter the amount of LPG used, in gallons.
16	Quantity of Gas Produced (N7.3) MMCF: Enter the quantity of gas produced, in MMCF rounded to three decimal places.
17	MMCF Mixed with Natural Gas (N7.3) MMCF: Enter the quantity of produced gas mixed with natural gas or which is substituted for deliveries normally made from natural gas, in MMCF rounded to three decimal places.
18	BTU/MCF (N4.2) BTU/MCF: Enter the BTU content, per MCF rounded to two decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0415	NUMBER OF GAS AND OIL WELLS	1 of 2

I. DESCRIPTION

This schedule is used to collect particulars on gas and oil wells owned by the respondent.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B, owning gas and oil wells which are producing, or are capable of producing. Gas wells, oil wells, and combination wells should be listed separately, as should offshore wells, of each type, by state.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is to be filed on or before the 15th of May following the close of the calendar year reported.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Well Type (A1): Enter the one digit abbreviation identifying well type, as follows: (TYWELL) G = gas well O = oil well C = combinatio ell

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0415	NUMBER OF GAS AND OIL WELLS	2 of 2

Data Field Number	Instructions
1 (cont'd)	(A combination well is producing from, or capable of production from, one or more oil reservoirs and also from one or more gas reservoirs.)
2 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
3 (Key)	Indicator/Offshore (N1): If well if offshore, enter "1"; if not, enter "0". (INYONO)
4	Number of Wells Beginning of Year (N5) NO: Enter number of wells beginning of year.
5	Number of Successful Wells Drilled (N4) NO: Enter number of successful wells drilled during year.
6	Number of Wells Purchased (N4) NO: Enter number of wells purchased during year.
7	Number of Wells Abandoned (N3) NO: Enter number of wells abandoned during year.
8	Number of Wells Sold (N4) NO: Enter number of wells sold during year.
9	Number of Wells Reclassified (N4) NO: Enter number of wells reclassified during year, as between oil wells, gas wells or combination wells.
10	Number of Wells at End of Year (N5) NO: Enter number of wells at end of year.

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0416	OWNERSHIP OF GAS AND OIL WELLS	1 of 2

I. DESCRIPTION

This schedule is used to collect information on respondent interest in gas, oil, or combination wells.

II. GENERAL INFORMATION

A. This schedule serves as a supplement to Schedule 0415, "Number of Gas and Oil Wells" and must be completed by Natural Gas Pipeline companies, Class A and Class B, owning any interest in gas, oil or combination wells which are producing or are capable of producing.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Well Type (A1): Enter the one digit abbreviation identifying well type, as follows: (TYWELL) G = gas well O = oil well C = combination well (A combination well is producing from, or capable of producing from, one or more oil reservoirs and also from one or more gas reservoirs.)

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0416	OWNERSHIP OF GAS AND OIL WELLS	2 of 2

Data Field Number	Instructions
2 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
3 (Key)	Well Lease Number (A4): Enter the well lease number, as specified in the Register of Data Standards, IDEQPT.
4	Indicator Owned/Leased (N1): Enter "1" if well is owned, "2" if leased. (INETOR)
5	Percent of Ownership (N3.4) PCT: If owned, enter percentage of ownership, rounded to four decimal places.
6	Well Lease Name (A16): Enter the name of well. (IDDESC)
7 (Key)	Indicator Offshore (N1): If well is offshore, enter "1"; if not, enter "0". (INYONO)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0417	GAS LINE MILEAGE BY PIPE DIAMETER	1 of 2

I. DESCRIPTION

The schedule is used to collect line mileage data for transmission, gathering field and underground storage lines.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. Respondents will report gas line mileage by type of line and by state.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
2 (Key)	Line Type (A1): Enter the one character abbreviation to indicate line type, as follows: (TYGSLN) T = Transmission Line G = Gathering Line S = Underground Storage Line

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0417	GAS LINE MILEAGE BY PIPE DIAMETER	2 of 2

Data Field Number	Instructions
3	Total Miles (N5.2) MI: Enter the total miles of this line type, rounded to two decimal places.
4-15	Mileage by Pipe Diameter (N4.2) MI: Enter for each category of inside diameter of pipe specified, the combined mileage of the line, rounded to two decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0418	TRANSMISSION SYSTEM PEAK DELIVERIES	1 of 2

I. DESCRIPTION

This schedule is used to collect information on season peak deliveries of gas.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B, reporting total transmission system deliveries, excluding deliveries to storage, for the periods of system peak deliveries indicated below, during the twelve months embracing the heating season overlapping the year's end for which schedule is submitted, classified as to sales subject to FPC rate schedules and other sales.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is to be filed on or before 15 May, which will permit inclusion of the season's peak data.

D. The delivery periods are preprinted in the first column of the schedule coded as follows:

1 = Highest day's delivery
2 = Second highest day's delivery
3 = Third highest day's delivery
4 = Highest month's delivery
5 = Highest consecutive three-day deliveries

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0418	TRANSMISSION SYSTEM PEAK DELIVERIES	2 of 2

Data Field Number	Instructions
1 (Key)	System Peak Period Code (N1): This data field is preprinted as described above. (TYPKPM)
2 (Key)	Date System Peak Delivery (N6): Enter the date of peak deliveries, in the format MMDDYY. Enter month and year only for highest month, i.e., 010075, for highest consecutive three-day period, enter date of first day, i.e., 010175. (TMDATE)
3	Quantity System Peak Subject to Rate Schedule (N7.3) MMCF: Report total deliveries subject to FPC rate schedules, in MMCF, rounded to three decimal places.
4	Quantity System Peak Non-Rate Schedule (N7.3) MMCF: Report total deliveries not subject to FPC rate schedules, in MMCF rounded to three decimal places.
5	Quantity System Peak Curtailments Subject to Rate Schedule (N5.3) MMCF: Report total curtailments to FPC rate schedule customers on day indicated, in MMCF rounded to three decimal places. Do not report for highest month.
6	Quantity System Peak Curtailments Non-Rate Schedule (N5.3) MMCF: Report total curtailments to non-rate schedule customers, as above.

NOTE: Data Fields 7 through 11 report quantities drawn during highest consecutive three days. Enter quantities only where applicable, in MMCF rounded to three decimal places.

7	Quantity System Peak - Line Pack (N7.3) MMCF: Report gas drawn from line pack.
8	Quantity System Peak-Underground Storage (N7.3) MMCF: Report gas drawn from underground storage.
9	Quantity System Peak - Peak Shaving (N7.3) MMCF: Report gas drawn from peak shaving.
10	Quantity System Peak - Deliveries from Other System (N7.3) MMCF: Report gas delivered from other systems.
11	Quantity System Peak from Other Facilities (N7.3) MMCF: Report total gas drawn from other sources than above.

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DETAILED INSTRUCTIONS: SCHEDULE 0419 — PIPELINE SERVICE INTERRUPTIONS — 1 of 2

I. DESCRIPTION

This schedule is used to collect details of service interruptions occurring on the pipeline system.

II. GENERAL INFORMATION

A. This schedule shall be submitted by any Natural Gas Pipeline companies, Class A, B, C or D, which experienced a service interruption on their pipeline system during the year.

B. This schedule shall be reported on an exception basis only. If no interruptions have occurred during the reporting year, this schedule is not to be completed.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginnning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Date of Service Interruption (N6): Report the date that the service interruption occurred, in the format, MMDDYY. (TMDATE)
2	Date Interruption Reported (N6): Enter the date that the service interruption was reported to the Commission, in the format MMDDYY. (TMDATE)
3 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.

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DETAILED INSTRUCTIONS: SCHEDULE 0419 — PIPELINE SERVICE INTERRUPTIONS — 2 of 2

Data Field Number	Instructions
4	County Code (N3): Enter the county code, from the Register of Data Standards, IDCNTY.
5	City Name (A20): Enter the name of the city. (IDCITY)
6	Name of Facility Affected (A26). (IDDESC)
7	Description of System Interruption and Effect (A216): Enter a narrative description not to exceed 72 characters per line. (IDDESC)
8	Class of Customers Effected (A10). (IDDESC)
9	Hours of Service Interruption (N3) HR: Report number of whole hour(s).
10	Minutes of Service Interruption (N2) MIN: Report number of minutes.
11	Number of Customers Affected (N6) NO: Report the number of customers affected by customer class.
12	Quantity of System Interruption Gas (N5.3) MMCF: Enter the volume by customer class, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0420	TRANSMISSION LINE INTERCONNECTIONS	1 of 2

I. DESCRIPTION

This schedule is used to collect information on interconnection points on the respondents main trasmission line.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A, having a system delivery capacity in excess of 100 MMCF per day (at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit), and shall be filed by 15 May of each year reflecting operating conditions on the main transmission system during the previous twelve months ended 31 December.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Transmission Line Code (N6): Enter a unique (respondent assigned) code, as specified in the Register of Data Standards, NRCADL.
2	Transmission Line Name (A16): Enter the name of transmission line. (IDDESC)
3	Year Placed in Service (N4): Enter the year the line was placed in service, in the format YYYY. (TMYEAR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0420	TRANSMISSION LINE INTERCONNECTIONS	2 of 2

Data Field Number	Instructions
4	Additional Owner Indicator (A1): If additional owners have interest in the transmission line, enter "1"; if not, enter "0". (INYONO)
5 (Key)	Company ID of Interconnect (N6): Enter the code identifying interconnecting company, from the Register of Data Standards, IDRESP.
6	Name of Interconnect Company (A35): Enter the name of the interconnecting company, from the Register of Data Standards, IDRESP.
7	State Abbreviation (A2): Enter the state abbreviation identifying state where interconnection is located, from the Register of Data Standards, IDSTAT.
8	County Code (N3): Enter the county code identifying county where interconnection is located, from the Register of Data Standards, IDCNTY.
9	Data Year (N4): Enter the year for which data is reported, in the format YYYY. (TMYEAR)
10	Pressure at Interconnection Point (N2.3) PSIA: Report pressure in pipeline at interconnection point.
11	Quantity Receivable at This Pressure (N7.3) MMCF: In MMCF, rounded to three decimal places.
12	Quantity Deliverable at This Pressure (N7.3) MMCF: In MMCF, rounded to three decimal places.
13	Indicator Associated Company (N1): If interconnecting company is associated with respondent, enter "1"; if not, enter "0". (INYONO)
14	Map Reference (A16): Enter the map reference for the point of interconnection, as specified in the Register of Data Standards, LCCOOR.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0421	TRANSMISSION LINE TAKE-OFF POINTS AND CUSTOMERS	1 of 2

I. DESCRIPTION

This schedule is used to collect data on transmission line take-off points and customers.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A, with a system delivery capacity of 100 MMCF or greater per day and who deliver gas directly to customers from transmission line take-off points.

B. Respondents shall complete all data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Transmission Line Code (N6): Enter a unique (respondent assigned) code identifying the transmission line, as specified in the Register of Data Standards, NRCADL.
2	Transmission Line Name (A16): Enter the name of transmission line. (IDDESC)
3	Map Reference (A16): Enter the map reference for each take-off point, as specified in the Register of Data Standards, LCCOOR.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0421	TRANSMISSION LINE TAKE-OFF POINTS AND CUSTOMERS	2 of 2

Data Field Number	Instructions
4 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
5	County Code (N3): Enter the county code, from the Register of Data Standards, IDCNTY.
6	Customer Code (N6): Enter the customer code, from the Register of Data Standards, IDRESP.
7	Customer Name (A35): Enter the customer name, from the Register of Data Standards, IDRESP.
8	Associate Company Indicator (N1): If delivery is made to an associated company, enter "1"; if not, enter "0". (INYONO)
9	Indicator Jurisdictional/Non-Jurisdictional (N1): If delivery is under rates subject to FPC jurisdication, enter "1"; if non-jurisdicational, enter "2". (INETOR)
10	Average Daily Volume Delivered (N7.3) MMCF: Report the average daily volume delivered at the take-off point, in MMCF rounded to three decimal places.
11	Maximum Coincidental One-Day Delivery (N7.3) MMCF: Enter the volume delivered to customer on day of maximum coincidental delivery, in MMCF rounded to three decimal places.
12	Maximum Noncoincidental One-Day Delivery (N7.3) MMCF: Enter the volume delivered to customer on day of maximum noncoincidental delivery, in MMCF rounded to three decimal places.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0422	TRANSMISSION LINE STORAGE WITHDRAWAL DATA	1 of 2

I. DESCRIPTION

This schedule is used to collect data pertaining to the withdrawal of gas from transmission line in storage fields.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A, with a system delivery capacity of 100 MMCF or greater per day.

B. Respondents shall complete all data fields on this schedule annually.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Transmission Line Code (N6): Enter a unique (respondent assigned) code identifying the transmission line, as specified in the Register of Data Standards, NRCADL.
2 (Key)	Storage Field Code (A6): Enter the code identifying the storage field from which the withdrawal was made, from the Register of Data Standards, IDGPFL.
3	Storage Field Name (A26): Enter the name of the storage field from which the withdrawal was made, from the Register of Data Standards, IDGPFL.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0422	TRANSMISSION LINE STORAGE WITHDRAWAL DATA	2 of 2

Data Field Number	Instructions
4	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
5	Map Reference (A16): Enter the map reference for the storage field, as specified in the Register of Data Standards, LCCOOR.
6	Quantity Maximum Day Dependable Withdrawal (N7.3) MMCF: Enter the volume of gas, in MMCF rounded to three decimal places, for maximum day dependable withdrawal.
7	Quantity Seasonal Dependable Withdrawal (N7.3) MMCF: Enter the volume of gas, in MMCF rounded to three decimal places, for the seasonal dependable withdrawal.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0423	COMPRESSOR STATIONS - ANNUAL DATA	1 of 4

I. DESCRIPTION

This schedule is used to collect data on compressor station operations.

II. GENERAL INFORMATION

A. This schedule shall be submitted by the following categories of respondents:

RESPONDENT CATEGORY	DATA FIELD
Natural Gas Pipeline companies, Class A and Class B	1-20
Natural Gas Pipeline companies, Class A, with a system delivery capacity of 100 MCF or greater per day.*	All Data Fields (1-33)

*Class A companies reporting on compressor stations other than transmission compressor stations should omit data fields 21-28, inclusive.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Transmission Line Code (N6): Enter the unique (respondent assigned) code identifying the transmission line, as specified in the Register of Data Standards, NRCADL.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0423	COMPRESSOR STATIONS - ANNUAL DATA	2 of 4

Data Field Number	Instructions
2 (Key)	Compressor Station Code (A6): Enter the unique (respondent assigned) code identifying compressor station, from the Register of Data Standards, NRCADL.
3	Compressor Station Name (A16): Enter the name of the compressor station. (IDDESC)
4	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
5	Production Area (N2): Enter the code for production area, from the Register of Data Standards, IDNCAR.
6	County Code (N3): Enter the county code, from the Register of Data Standards, IDCNTY.
7 (Key)	Map Reference (A16): Enter the map reference for compressor station, as specified in the Register of Data Standards, LCCOOR.
8	Compressor Station Type (A3): Enter one of the three-character abbreviations of identify compressor stations, as follows: (TYGCST) FLD = field compressor station PEX = products extraction UST = underground storage COM = compressor station TRN = transmission compressor DIS = distribution compressor station OTH = other
9	Year Placed in Service (N4): Enter the year compressor station was placed in service, in the format YYYY. (TMYEAR)
10	Percent Respondent Ownership (N3.2) PCT: Enter the percentage of respondent ownership, rounded to two decimal places.
11	Name of Co-Owner or Operator (A35): Enter name of principal co-owner, if respondent interest less than 100%, or operator, if other than respondent. (IDNAME)
12	Operation Code (N1): Enter the one-digit code for station operation, as follows: (TYSTOL) 0 = station not in operation 1 = station not operated part of year 2 = station operated entire year

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0423	COMPRESSOR STATIONS - ANNUAL DATA	3 of 4

Data Field Number	Instructions
13	Indicator Small Group (N1): Indicate if this data is being reported for a group of small field compressor stations, enter "1" for yes, or "0" for no. (INYONO)
14	Number of Stations in Group (N5) NO: If entry in data field 12 above, is yes, indicate number of stations grouped.
15	Number of Employees (N5) NO: Report number of employees at compressor station.
16	Fuel Type (A3): Enter the abbreviation for fuel type, from the Register of Data Standards, TYFUEL.
17	Quantity Gas for Compressor Fuel (N7.3) MMCF: Report quantity of natural gas used for fuel, in MMCF rounded to three decimal places.
18	Total Hours During Year (N4) HR: Enter total number of hours compressor station was used during report year.
19	Compressor Hours Operation on Peak Day (N2) NO: Report number of compressor hours operated on day of station peak.
20	Date of Peak Day Operation (N6): Report date, in the format MMDDYY. (TMDATE)
21	Designated Suction Pressure (N4) PSIG: Report rated designated suction pressure for this station.
22	Designated Discharge Pressure (N4) PSIG: Report the rated designated discharge pressure.
23	Indicate if Flow Reversible (N1): If flow is reversible, enter "1"; if not, enter "0". (INETOR)
24	Suction Pressure if Reversed (N4) PSIG: Report rated suction pressure if flow is reversed.
25	Discharge Pressure if Reversed (N4) PSIG: Report rated discharge pressure if flow is reversed.
26	Maximum Volume/Day at Designated Pressure (N7.3) MMCF: Enter maximum volume which may be compressed, per day, at designed pressure, in MMCF rounded to three decimal places.
27	Fuel Requirement at Maximum Volume (N7.3) MMCF: Report quantity of fuel per day required to compress maximum volume, in MMCF rounded to three decimal places.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0423	COMPRESSOR STATIONS - ANNUAL DATA	4 of 4

Data Field Number	Instructions
28	Maximum Pressure at Discharge Point (N4) PSIG: Report maximum permissible operating pressure at discharge point.
29	Number of Drive Units (N3) NO.
30	Total Manufacturer's H.P. Ratings - All Drive Units (N7) HP: Enter drive units rating in H.P.
31	Number of Compressor Units (N3) NO.
32	Total Maximum Hourly Capacity - All Compressor Units (N5.3) MMCF/HR: Total manufacturer's rated hourly compressor capacity for all units, in MMCF rounded to three decimal places.
33	Year of First Installation (N4): Enter the year of installation of first compressor units, in the format YYYY. (TMYEAR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0424 NEW TRANSMISSION COMPRESSOR UNITS INSTALLED		1 of 2

I. DESCRIPTION

This schedule is used to collect information on newly installed transmission compressor units.

II. GENERAL INFORMATION

A. This schedule is a supplement to Schedule 0423 and shall be submitted by Natural Gas Pipeline companies, Class A and Class B, who have installed new transmission compressor units during the report year.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is to be filed on or before the 15th of May following the close of the calendar year reported.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Transmission Line Code (N6): Enter a unique (respondent assigned) code identifying the transmission line, as specified in the Register of Data Standards, NRCADL.
2	Compressor Station Name (A16): Enter the name of the compressor station. (IDDESC)
3 (Key)	Compressor Station Code (A6): Enter a unique (respondent assigned) code identifying compressor station, from the Register of Data Standards, IDDESC.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0424 NEW TRANSMISSION COMPRESSOR UNITS INSTALLED		2 of 2

Data Field Number	Instructions
4 (Key)	Date Installed (N6): Enter the date of compressor unit installation, in the format MMDDYY. (TMDATE)
5	Maximum Capacity Per Hour (N6.3) MCF/HR: Report manufacturer's rating of maximum capacity per hour, in MCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0425	ANNUAL PIPELINE CUSTOMER PROFILE	1 of 2

I. DESCRIPTION

This schedule is used to collect information on gas sales, by sale and customer type.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A, B, C and D, selling gas either directly or for resale.

B. Respondents shall complete all data fields on this schedule annually.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Type of Gas Sale Indicator (N1): Enter the one digit code for type of sale, "1" for direct, or "2" for resale. (INETOR)
2	Type Category Code (N2): Enter the two digit numeric code for category of sale, as follows: (TYCSSL) A. Direct Sale Codes 01 = nonindustrial 02 = residential 03 = commercial 04 = industrial 05 = public authorities 06 = interdepartmental

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0425	ANNUAL PIPELINE CUSTOMER PROFILE	2 of 2

Data Field Number	Instructions
2 (cont'd)	B. Sales for Resale Codes 07 = respondent's own distribution 08 = Class A and B companies filing monthly reports 09 = special pipelines 10 = other interstate pipelines 13 = other utilities.
3	Type Customer Code (N2): Enter the two digit numeric code to further identify type of customer, as follows: (TYSLCS) A. Direct Sale Codes 1. For Residential 01 = space heat 02 = other 2. For Commercial 03 = space heat 04 = other 3. For Industrial 05 = firm 06 = off-peak 07 = interruptible B. Sales for Resale Codes 1. For Respondents Own Distribution 09 = firm 10 = off-peak 11 = interruptible
4	Quantity Customer Type Annually Sold (N8.3) MMCF: Enter amount of gas sold to customer type reported, in MMCF rounded three decimal places.
5	Quantity Customer Type Increase or Decrease for Year (N7.3) MMCF: Report increase or decrease in quantity sold, in MMCF rounded to three decimal places.
6	Number Customer Type Total for Year (N6) NO: Report the number of customers of this type during report year.
7	Number Customer Type Average Increase/Decrease for Year (N6) NO: Report the increase or decrease of this customer type during report year.
8	Number Customer Type Added for Year (N5) NO: Report number of this customer type added during report year.
9	Number Customer Type Unfilled Applications for Year (N5) NO: Report number of unfilled applications for this customer type during report year.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0426	MONTHLY PIPELINE CUSTOMER PROFILE	1 of 2

I. DESCRIPTION

This schedule is used to collect information on gas sales, by sale and customer type.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Natural Gas Pipeline companies, Class A, B, C and D, selling gas either directly, or for resale.

B. Respondents shall complete all data fields on this schedule monthly.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Type of Gas Sale Indicator (N1): Enter the one digit code for type of sale, "1" for direct, or "2" for resale. (INETOR)
2	Type Category Code (N2): Enter the two digit numeric code for category of sale, as follows: (TYCSSL) A. Direct Sale Codes 01 = nonindustrial 02 = residential 03 = commerical 04 = industrial 05 = public authorities 06 = interdepartmental

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0426	MONTHLY PIPELINE CUSTOMER PROFILE	2 of 2

Data Field Number	Instructions
2 (cont'd)	B. Sales for Resale Codes 07 = respondents own distribution 08 = Class A and B companies filing monthly reports 09 = special pipelines 10 = other interstate pipelines 13 = other utilities
3	Type Customer Code (N2): Enter the two digit numeric code to further identify type of customer, as follows: (TYSLCS) A. Direct Sale Codes 1. For Residential 01 = space heat 02 = other 2. For Commercial 03 = space heat 04 = other 3. For Industrial 05 = firm 06 = off-peak 07 = interruptible B. Sales for Resale Codes 1. For Respondents Own Distribution 09 = firm 10 = off-peak 11 = interruptible.
4	Quantity Gas Sold by Customer Type (N8.3) MMCF: Enter amount of gas sold to customer type reported, in MMCF rounded to three decimal places.
5	Quantity of Gas Increase or Decrease by Customer Type for Month (N7.3) MMCF: Report increase or decrease in quantity sold, in MMCF rounded to three decimal places.
6	Number Customer Type Total for Month (N6) NO: Report number of customers of this type during report period.
7	Number Customer Type Average Increase/Decrease (N6) NO: Report the increase or decrease of this customer type during report period.
8	Number Customer Type Added for Month (N5) NO: Report number of this customer type added during report period.
9	Number Customer Type Unfilled Applications for Month (N5) NO: Report number of unfilled applications for this customer type during report period.

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0427	SUMMARY OF GAS SUPPLY REQUIREMENTS AND CURTAILMENTS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information of the anticipated new gas supply, the authorized emergency gas supply and exempted gas purchases.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30 and September 30 of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through August.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the calendar year for which data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0427	SUMMARY OF GAS SUPPLY REQUIREMENTS AND CURTAILMENTS	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5	Date Actual/Projected Peak Average Day (N6): Enter the date of actual project peak average day, in the format MMDDYY. (TMDATE)
6 (Key)	Type Supplier Service (N2): Enter one of the following codes: (TYCSDP) 05 = Anticipated New Supply 06 = Authorized Emergency Purchases 07 = Exempted Purchases
7	Total All Suppliers (N3) NO: Give the total of all suppliers of each type of supply. Complete this data field only once for each type of supplier.
8	Supplier Name (A35): Provide the name of the supplier of the anticipated new gas supply, authorized emergency gas purchases or the exempted gas purchases, from the Register of Data Standards, IDRESP.
9	Supplier Code (N6): Enter the six digit code from the Register of Data Standards, IDRESP.
10	Docket Number (A9): Enter the nine character alphanumeric Docket Number. (IDDCKT)
11-22	Total Gas Monthly Supply (N9.3) MMCF: Report the monthly gas supply for the anticipated new gas supply, the authorized emergency gas purchases or the exempted gas purchases, in MMCF rounded to three decimal places.
23	Annual Total Volume (N9.3) MMCF: Add all the total monthly gas supplies for the anticipated new gas supply, the authorized emergency gas purchases or the exempted gas purchases, in MMCF rounded to three decimal places.
24	Peak Day Delivery (N9.3) MMCF: Enter the peak day delivery for the anticipated new gas supply, the authorized emergency gas purchases or the exempted gas purchases, in MMCF rounded to three decimal places.

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FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0428 GAS SUPPLY AND REQUIREMENTS - CONTINGENCY

I. DESCRIPTION

This schedule is used to collect detailed information for the normally anticipated loss of supply (contingency), company use and skrinkage, and exhange gas owed.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30 and September 30 of each year. Report in April 30th filing actual volume for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the calendar year for which data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0428 GAS SUPPLY AND REQUIREMENTS - CONTINGENCY

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Type of Service (N2): Enter one of the following codes: (TYGSDP) 13 = Contingency 09 = Company Use and Shrinkage 10 = Exchange Gas Owed
6-17	Volume-Monthly (N9.3) MMCF: Report the monthly volume of normally anticipated loss of supply (contingency) or company use and shrinkage or exchange gas used, in MMCF rounded to three decimal places.
18	Annual Total Volume (N9.3) MMCF: Report the annual total of normally anticipated loss of supply (contingency) or company use and shrinkage or exchange gas used, in MMCF rounded to three decimal places.
19	Peak Day Volume (N9.3) MMCF: Report the peak day of normally anticipated loss of supply (contingency) or company use and skrinkage or exchange gas used, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0429	GAS SUPPLY AND REQUIREMENTS- DELIVERIES-CURTAILMENTS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for gas deliveries, gas curtailments, and the curtailment of pipeline to pipeline.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semiannually.

C. This schedule shall be filed on or before April 30th and September 30th of each year. Report in April 30th filing acutal volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year September through August, and projected data for one year September through August.

D. Report all gas volumes in MMCF rounded to three decimal places at at uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. "Type volume", data field number 7, will contain a 1 character preprinted code "A", "M" and "C". In data field numbers 8 to 21 report average day volumes against preprinted "A", Monthly volumes against preprinted "M" and cumulative volumes against preprinted "C".

F. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field nu...

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0429	GAS SUPPLY AND REQUIREMENTS- DELIVERIES-CURTAILMENTS	2 of 2

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Indicator Firm/Interruptible (N1): Enter "1" for firm, or "2" for interruptible. (INETOR)
6 (Key)	Type Requirement (A1): Enter one of the following codes for actual or projected MMCF requirement. (TYGSTR) D = Deliveries C = Curtailment P = Curtailment of Pipeline to Pipeline
7	Type Volume (A1): This data field will be preprinted. See General Information II-E. (TYGSPM)
8-19	Volume by Month (N9.3) MMCF: Report the monthly volume of the requirement for deliveries, curtailment or curtailment pipeline to pipeline, in MMCF rounded to three decimal places.
20	Annual Total Volume (N9.3) MMCF: Report the total of the twelve months of the year for the requirement for deliveries, curtailment or curtailment pipeline to pipeline, in MMCF rounded to three decimal places.
21	Peak-Day Volume (N9.3) MMCF: Report the monthly volume of the deliveries, curtailment or curtailment pipeline to pipeline, in MMCF rounded to three decimal places.

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0430	GAS SUPPLY AND REQUIREMENTS MAJOR PRODUCING AREAS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information of the present supply adjusted for losses of major producing areas, including states and areas.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0430	GAS SUPPLY AND REQUIREMENTS MAJOR PRODUCING AREAS	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format, MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
6 (Key)	Area Code (N2): Enter the two digit code, from the Register of Data Standards, IDMGAR.
7-18	Major Producing Area - Sources of Supply-Volume-Monthly (N9.3) MMCF: Report the monthly volume of the sources of supply of the major producing area, in MMCF rounded to three decimal places.
19	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: GAS SUPPLY AND REQUIREMENTS
SCHEDULE 0431 PIPELINE SUPPLIERS

I. DESCRIPTION

This schedule is used to collect detailed information for pipeline suppliers.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semiannually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through August.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: GAS SUPPLY AND REQUIREMENTS
SCHEDULE 0431 PIPELINE SUPPLIERS

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Pipeline Supplier (A35): Enter the seller's name, from the Register of Data Standards, IDRESP.
6 (Key)	Pipeline Supplier Code (N6): Enter the pipeline supplier code, from the Register of Data Standards, IDRESP.
7-18	Monthly Pipeline Supplier Quantity (N9.3) MMCF: Enter quantity of the pipeline supplies of the sources of the present supply adjusted for losses for each month of the year, in MMCF rounded to three decimal places.
19	Annual Total Volume (N9.3) MMCF: Report the total volume for the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0432	GAS SUPPLY AND REQUIREMENTS OTHER SOURCES	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for other supply sources, such as exchanges, LNG, SNG, spot purchases of the present supply adjusted for losses.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through August.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0432	GAS SUPPLY AND REQUIREMENTS OTHER SOURCES	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Other Sources (A26): Report the specific source, such as exchanges, LNG, SNG, or spot purchases, from the Register of Data Standards, IDDESC.
6 (Key)	Other Sources Code (N1): Enter the numeric code for the specific source, as follows: (TYGSPS) 1 = Exchange 2 = LNG 3 = SNG 4 = Spot Purchases 9 = Other
7-18	Other Source Volume-Monthly (N9.3) MMCF: Report the monthly volume of other sources, in MMCF rounded to three decimal places.
19	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0433	GAS SUPPLY AND REQUIREMENTS FIRM REQUIREMENTS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for the full and partial firm requirements.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semiannually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INFORMATION

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0433	GAS SUPPLY AND REQUIREMENTS FIRM REQUIREMENTS	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Indicator Full/Partial Requirements (N1): Enter "1" for full requirement, or "2" for partial requirement. (INETOR)
6-17	Full/Partial Requirements Volume-Monthly (N9.3) MMCF: Report the monthly volume of full or partial firm requirements, in MMCF rounded to three decimal places.
18	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0434	GAS SUPPLY AND REQUIREMENTS BY PIPELINE CUSTOMERS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information of customers reporting pipelines and reports either firm or interruptible deliveries, curtailments and totals.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volume for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0434	GAS SUPPLY AND REQUIREMENTS BY PIPELINE CUSTOMERS	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Indicator Distribution Direct/Resale (N1): Enter "1" for direct, or "2" for resale. (INETOR)
6	Indicator Deliveries/Curtailment (N1): If the actual average MMCF volume is deliveries, enter "1"; if the actual average volume is curtailment, enter "2". (INETOR)
7	Indicator Firm/Interruptible Delivery (N1): Enter "1" for firm, or "2" for interruptible. (INETOR)
8	State Abbreviation (A2): Enter the state abbreviation for the state in which customer is located, from the Register of Data Standards, IDSTAT.
9	County Code (N3): Enter the county code for the county in which customer is located, from the Register of Data Standards IDCNTY.
10	Customer Code (N6): Enter the customer code, from the Register of Data Standards. IDRESP.
11	Customer Name (A35): Enter the name of pipeline customer, from the Register of Data Standards, IDRESP.
12	Indicator Jurisdictional/Non-Jurisdictional Company (N1): Enter "1" for jurisdictional, or "2" for non-jurisdictional. (INETOR)
13-24	Pipeline Customer Monthly Volume (N9.3) MMCF: Report the volume of the pipeline customer's monthly volume, either deliveries, curtailment or total requirements, in MMCF rounded to three decimal places.
25	Annual Total Volume (N9.3) MMCF: Enter the total of the twelve months of the year of either deliveries, curtailments or total requirements, in MMCF rounded to three decimal places.
26	Peak Day Volume (N9.3) MMCF: Enter the volume on the peak day, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0435	GAS SUPPLY AND REQUIREMENTS ADJUSTMENTS TO SUPPLY	1 of 2

I. DESCRIPTION

This schedule provides detailed information of sources of present supply adjusted for losses for adjustment to supply (such as seasonal losses, curtailment, scheduled outages, etc.).

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through August.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0435	GAS SUPPLY AND REQUIREMENTS ADJUSTMENTS TO SUPPLY	2 of 2

Data Field Number	Instructions
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Type of Adjustment to Supply (A16): Report the type of present supply adjusted to losses. (TYGSPA)
6 (Key)	Type of Adjustment to Supply Code (A4): Enter the code for the type of adjustment to supply, from the Register of Data Standards, TYGSPA.
7-18	Adjustment to Supply Volume-Monthly (N9.3) MMCF: Report the monthly volume of adjustment to supply, in MMCF rounded to three decimal places.
19	Annual Total Volume (N9.3) MMCF: Enter the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0436	GAS SUPPLY AND REQUIREMENTS STORAGE SERVICE	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for the firm requirements of storage services.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0436	GAS SUPPLY AND REQUIREMENTS STORAGE SERVICE	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Firm Storage Service (A26): Report the firm requirements of the specific storage service. (IDDESC)
6-17	Storage Service Volume-Monthly (N9.3) MMCF: Report the monthly volume of storage service, in MMCF rounded to three decimal places.
18	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0437	GAS SUPPLY AND REQUIREMENTS OTHER FIRM SERVICES	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for the firm requirements of other services.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure basis of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which data is reported, in the format YYYY (IMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0437	GAS SUPPLY AND REQUIREMENTS OTHER FIRM SERVICES	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Other Firm Services (A26): Report the requirements of the specific other firm service. (IDDESC)
6-17	Other Firm Services Volume-Monthly (N9.3) MMCF: Report the monthly volume of other firm services, in MMCF rounded to three decimal places.
18	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0438	GAS SUPPLY AND REQUIREMENTS OTHER ADJUSTMENTS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for other requirement adjustment.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through August.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the f[illegible] YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0438	GAS SUPPLY AND REQUIREMENTS OTHER ADJUSTMENTS	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Other Adjustment Name (A26): Report the specific firm adjustment name. (IDDESC)
6-17	Other Adjustment Monthly Volume (N9.3) MMCF: Report the monthly volume of firm adjustment requirement, in MMCF rounded to three decimal places.
18	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0439	GAS SUPPLY AND REQUIREMENTS STORAGE BY FIELD	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for the actual and projected storage operations injections (withdrawals) by fields.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. The schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. GENERAL INFORMATION

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0439	GAS SUPPLY AND REQUIREMENTS STORAGE BY FIELD	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Storage Operation Field Name (A26): Report the specific field name of storage operations, from the Register of Data Standards, IDGPFL.
6 (Key)	Storage Operation Field Code (A6): Enter the field code, from the Register of Data Standards, IDGPFL.
7-18	Storage Operations Field Volume-Monthly (N9.3) MMCF: Report the monthly volume of the storage operation's field, in MMCF rounded to three decimal places.
19	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0440	GAS SUPPLY AND REQUIREMENTS STORAGE OPERATIONS ADJUSTMENTS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information for storage operations adjustments such as changes in base storage, development of new zones, etc.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule semi-annually.

C. This schedule is to be filed on or before April 30th and September 30th of each year. Report in April 30th filing actual volumes for the past year, April through March, and projected data for one year April through March. Report in September 30th filing actual volumes for the past year, September through August, and projected data for one year September through March.

D. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

E. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INFORMATION

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Year (N4): Enter the year for which the data is reported, in the format YYYY. (TMYEAR)
2 (Key)	Indicator Actual/Projected (N1): Enter "1" for actual, or "2" for projected. (INETOR)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0440	GAS SUPPLY AND REQUIREMENTS STORAGE OPERATIONS ADJUSTMENTS	2 of 2

Data Field Number	Instructions
3 (Key)	Period From (N6): Enter the date, in the format MMDDYY. (TMDATE)
4 (Key)	Period To (N6): Enter the date, in the format MMDDYY. (TMDATE)
5 (Key)	Storage Operations Adjustment Name (A26): Report the specific storage operations adjustment, such as changes in base storage development of new zones. (IDDESC)
6-17	Storage Operations Adjustment Volume-Monthly (N9.3) MMCF: Report the monthly volume of adjustments of storage operations, in MMCF rounded to three decimal places.
18	Annual Total Volume (N9.3) MMCF: Report the total volume of the twelve months of the year, in MMCF rounded to three decimal places.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0441	MONTHLY INTERSTATE PIPELINE CURTAILMENTS	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information about customers of respondents and their curtailed volumes.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Natural Gas Pipeline companies, Class A and Class B.

B. Respondents shall complete all data fields on this schedule monthly.

C. Report all gas volumes in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Report Month (N2): Report the numeric month of submission of report, in the format MM. (TMMOYR)
2 (Key)	Date Curtailment Commenced (N6): Enter the date curtailment commenced, in the format MMDDYY. (TMDATE)
3	Duration of Curtailment in Days (N2) DY: Report no more than thirty-one days for each month's curtailment.
4	Base Terminal Volume Curtailment (N2): Enter the base from which the volumes curtailed were determined, from the Register of Data Standards, TYCTBS.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0441	MONTHLY INTERSTATE PIPELINE CURTAILMENTS	2 of 2

Data Field Number	Instructions
5 (Key)	Jurisdictional Companies Curtailing Respondents (A35): State the name of the jurisdictional company who has curtailed the respondent during the reporting month, from the Register of Data Standards, IDRESP.
6	Duration Respondent Was Curtailed in Days (N3) DY: Report the number of days of curtailment duration for the jurisdictional companies curtailing respondents.
7 (Key)	Rate Schedule Tariff (A5): Enter a single rate schedule tariff for each customer combined with volume curtailed. (IDRATE)
8	Customer Name (A35): Report the name of each curtailed customer of the respondent. (IDNAME)
9	State Abbreviation (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
10	Indicator Firm/Interruptible (N1): Enter "1" for firm customer, or "2" for interruptible customer. (INETOR)
11	Indicator Jurisdictional/Non-Jurisdictional (N1): Enter "1" for jurisdicational customer, or "2" for non-jurisdictional customer. (INETOR)
12	Volume Curtailed (N5.3) MMCF: Report the volume curtailed, in MMCF rounded to three decimal places.
13	Indicator Intercompany Curtailment (N1): Enter "1" for intercompany curtailment by customer, or "2" when intercompany has not been curtailed by customer. (INYONO)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0442	ANNUAL UNDERGROUND STORAGE TOTALS	1 of 2

I. DESCRIPTION

This schedule is used to collect information on total underground storage operations by respondent.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Class A and Class B Natural Gas pipeline companies who own, operate, or lease underground storage facilities.

B. Respondents shall complete all data fields on this schedule annually.

C. Report all gas volumes in MMCF, rounded to three decimal places, at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

E. The totals reported on this schedule shall equal the sum of the field quantities reported on Schedule 0410.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Quantity Total Base Gas (N9.3) MMCF: Enter the total volume of base (cushion) gas in all storage fields at the end of the year.
2	Quantity Total Working Gas (N9.3) MMCF: Enter the total volume of working gas (top storage) in all storage fields at the end of the year.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0442	ANNUAL UNDERGROUND STORAGE TOTALS	2 of 2

Data Field Number	Instructions
3	Quantity Total Gas (N9.3) MMCF: Enter the total volume of gas in all storage fields at the end of the year. (This entry must equal the sum of data fields 1 and 2 above.)
4	Quantity Total Annual Storage Injections (N9.3) MMCF: Enter the total quantity of gas injected into all storage fields during the year. (This entry must equal the sum of the January-December injections entered in data field 6 below.)
5	Quantity Total Annual Storage Withdrawal (N9.3) MMCF: Enter the total quantity of gas withdrawn from all storage fields during the year. (This entry must equal the sum of the January-December withdrawals entered in data field 7 below.)
6	Quantity of Injections - Monthly (N9.3) MMCF: Enter the sum quantity of gas injected into all storage fields for each month preprinted on this schedule.
7	Quantity of Withdrawals - Monthly (N9.3) MMCF: Enter the sum quantity of gas withdrawn from all storage fields for each month preprinted on this schedule.

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FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0840 SALES OF NATURAL GAS BY COMMUNITIES

I. DESCRIPTION

This schedule is used to collect the details of sales of natural gas in communities of 10,000 population or more.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Class A and Class B Natural Gas Pipeline companies.

B. Respondents shall complete all data fields on this schedule annually.

C. Complete the information called for below for sales of gas in each community of 10,000 population or more, or according to operating districts constituting distinct economic areas if the respondent's records do not readily permit reporting by communities. Except for state boundaries, community areas need not hold rigidly to political boundaries and may embrace a metropolitan area and immediate environs. The information called for by this schedule, however, may be reported by individual communities of such size as required by a state regulatory commission concerned. Report in total for each state, sales by classes of service in other communities of smaller size. Main line sales to residential and commercial consumers, are to be reported in total by states. DO NOT include on this schedule Field and Main Line Sales to Industrial Customers. This data is to be reported on Schedule 0862, Field and Main Line Industrial Sales of Natural Gas.

D. Natural gas is defined for this schedule as either natural gas unmixed, or any mixture of natural or manufactured gas.

E. All volumes shall be reported in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

F. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

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FEDERAL POWER COMMISSION
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DETAILED INSTRUCTIONS:
SCHEDULE 0840 SALES OF NATURAL GAS BY COMMUNITIES

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	State Abbreviation (N2): Enter the abbreviation for state, from the Register of Data Standards, IDSTAT.
2 (Key)	County Code (N3): Enter the code for county, from the Register of Data Standards, IDCNTY.
3 (Key)	Name of Community (A20): Enter the name of the community served. (IDCITY)
4	Population (N6) NO: Enter the population of the community served.
5	BTU Per Cubic Foot of Gas (N4.2) BTU/CF: Enter the British Termal Units (BTU) per cubic foot of gas.
6	Residential Operating Revenues (N8) DOL: Enter the operating revenues received from residential sales.
7	Residential - Quantity of Gas Sold (N7.3) MMCF: Enter the volume of gas sold to residential customers, in MMCF rounded to three decimal places.
8	Average Number of Residential Customers (N5) NO: Enter the average number of residential customers served within the community.
9	Commercial Operating Revenues (N8) DOL: Enter the operating revenues received from commercial sales.
10	Commercial - Quantity of Gas Sold (N7.3) MMCF: Enter the volume of gas sold to commercial customers, in MMCF rounded to three decimal places.
11	Average Number of Commercial Customers (N5) NO: Enter the average number of commercial customers served within the community.
12	Industrial Operating Revenues (N8) DOL: Enter the operating revenues received from industrial sales.
13	Industrial Quantity of Gas Sold (N7.3) MMCF: Enter the volume of gas sold to industrial customers, in MMCF rounded to three decimal places.

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DETAILED INSTRUCTIONS: SCHEDULE 0840	SALES OF NATURAL GAS BY COMMUNITIES	3 of 3

Data Field Number	Instructions
14	Average Number of Industrial Customers (N5) NO: Enter the average number of industrial customers served within the community.
15	Total Operating Revenue (N8) DOL: Enter the total operating revenue received from residential, commercial and industrial sales in the community.
16	Total Quantity of Gas Sold (N7.3) MMCF: Enter the total volume of gas sold to residential, commercial and industrial customers served in the community, in MMCF rounded to three decimal places.
17	Average Number of Total Customers (N5) NO: Enter the average number of total residential, commercial and industrial customers served within the community.
18	Indicator Mixed Gas (N1): Enter "1" in this data field if the gas sold to the community is mixed; if not, enter "0". (INYCMO)
19	Percentage of Natural Gas in Mixture (N2.1) PCT: Enter the percentage of natural gas in the mixture, rounded to one decimal place. If gas is unmixed, leave this data field blank.
20	Description of Components of Mixed Gas to the Community (A70): Describe the components of mixed gas sold to the community; i.e., whether natural and oil refinery gases, natural and coke oven gases, etc. (IDDESC)

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RIS FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: SCHEDULE 0841 — FIELD AND MAIN LINE INDUSTRIAL SALES OF NATURAL GAS — 1 of 3

I. DESCRIPTION

This schedule is used to collect the details of natural gas sales to industrial customers served other than from local distribution systems operated by the respondent classifying between field sales and main line transmission sales.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Class A and Class B Natural Gas Pipeline respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. Field sales are defined as sales made from wells, from points along gathering lines in gas fields or production areas or from points along transmission lines within field or production areas.

D. Transmission sales are defined as sales made from points along transmission lines not within gas fields or production areas.

E. Natural gas is defined as either natural gas unmixed or any mixture of natural or manufactured gas.

F. Report separately sales to each field and main line industrial customer to which sales of 50 MMCF or more were made during the year. Other sales should be reported in total for each state, showing number of sales so grouped.

G. All volumes shall be reported in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

H. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

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RIS FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: SCHEDULE 0841 — FIELD AND MAIN LINE INDUSTRIAL SALES OF NATURAL GAS — 2 of 3

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Indicator Field/Main Line (A1): Enter either "1" for field sale or "2" for main line sale. (INETOR)
2	Indicator Mixed Gas (N1): Enter "1" in this data field if the gas sold was mixed gas; if not, enter "0". (INYOMO)
3	Percentage of Natural Gas in Mixture (N2.1) PCT: Enter the percentage of natural gas in the mixture, rounded to one decimal place. If gas is unmixed, leave this data field blank.
4	Indicator Small/Large Certificate Sale (N1): Enter the type of certificate under which sale was made. Enter "1" for small or "2" for large. (INE1OR)
5	Docket Number (A9): Enter the latest effective docket number in which the delivery was authorized, including hyphen. (IDDCKT)
6	Field or Main Line Customer Name (A35): Enter the name of the field or main line customer who purchases 50 MMCF or more of gas during the reporting period. (IINNAME)
7	Indicator Associated Company (N1): Enter "1" if the customer is an associated company; if not, enter "0". (INYOMO)
8	Point of Delivery, State Abbreviation (N2): Enter the state abbreviation for delivery point, from the Register of Data Standards, IDSTAT.
9	Point of Delivery, County Code (N3): Enter the county code for delivery point, from the Register of Data Standards, IDCNTY.
10	Type of Sale (N1): Enter one of the following codes indicating type of sale: (TYPLPR) 6 = Firm 7 = Off peak 5 = Interruptible 4 = Other
11	BTU Per Cubic Foot of Gas (N4.2) BTU/CF: Enter the British Thermal Units (BTU) per cubic foot of gas.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0841	FIELD AND MAIN LINE INDUSTRIAL SALES OF NATURAL GAS	3 of 3

Data Field Number	Instructions
12	Quantity of Gas Sold (N7.3) MMCF: Enter the volume of gas sold, in MMCF rounded to three decimal places.
13	Total Revenue (N9) DOL: Enter the total dollar revenue for gas sold.
14	Revenue Portion Due to Adjustments (N7) DOL: Enter the adjustment portion due to adjustment provisions such as purchased gas, tax, BTU or other rate adjustments. The difference between data field 13 and data field 14 should be the revenues resulting from the base contract rate named in the docket entered in data field 5 above, Docket Number. The effect of purchased gas, tax, BTU, or other rate adjustment provision shall be shown as the quotient of the total annual revenues received for the year from the application of each rate adjustment provision divided by the annual volume of gas delivered.
15	Cents Per MCF - Total Revenue (N3.2) CTS/MCF: Enter the amount of cents per MCF for the total revenue, rounded to two decimal places.
16	Cents Per MCF - Adjustments (N3.2) CTS/MCF: Enter the cents per MCF for the portion due to adjustments, rounded to two decimal places.
17	Date Noncoincidental Peak Day Delivery (N6): Enter the date of the noncoincidental peak day delivery, in the format MMDDYY. (TMDATE)
18	Quantity Noncoincidental Peak Day Delivery (N7.3) MMCF: Enter the volume of the noncoincidental peak day delivery, in MMCF rounded to three decimal places. Indicate estimate by entering an "E" in the last character position of the data field.
19	Quantity Coincidental Peak Day Delivery (N7.3) MMCF: Enter the volume of coincidental peak day delivery, in MMCF rounded to three decimal places. Indicate estimate by entering an "E" in the last character position of the data field.
20	Date Coincidental Peak Day Delivery (N6): Enter the date of the coincidental peak day delivery, in the format MMDDYY. (TMDATE)
21	Standard Industrial Code (SIC) (N4): Enter the code, from the Register of Data Standards, TYSICL.
22	Description of Components of Mixed Gas (A72): Describe the components of mixed gas sold to customer, i.e., whether natural and oil refinery gases, natural and coke oven gases, etc. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0842	NATURAL GAS SALES FOR RESALE	1 of 4

I. DESCRIPTION

This schedule is used to collect the details of natural gas sales to other gas utilities and to pipeline companies for resale.

II. GENERAL INFORMATION

A. This schedule shall be submitted by the following categories of Natural Gas Pipeline respondents:

Respondent Category	Data Field
(1) Class A and Class B Natural Gas Pipeline	All
(2) Class C and Class D Natural Gas Pipeline	1-12,16,19

B. Respondents shall complete all specified data fields on this schedule annually.

C. Report the particulars concerning sales of natural gas to other utilities and to pipeline companies for resale.

D. Natural gas means either natural gas unmixed, or any mixture of natural and manufactured gas.

E. Field sales are defined as sales made from wells, from points along gathering lines in gas fields or production areas or from points along transmission lines within fields or production areas.

F. Main lines (transmission) sales are defined as sales made from points along transmission lines not within gas fields or production areas.

G. Where consolidated bills for more than one point of delivery are rendered under an FPC rate schedule, the first point of delivery shall be entered on this schedule in data fields 6 and 7 and the additional points of delivery shall be entered on Schedule 0843. The remainder of the data reported on a consolidated basis corresponds to the billing. However, when consolidated bills for more than one point of delivery are not rendered under an FPC rate schedule, a logical entry will be completed for each point of delivery.

H. If deliveries are made to one customer at more than one delivery point, the peak day deliveries for the first delivery point shall be entered in data fields 14-15, and 17-18. Subsequent entries for peak day deliveries shall be entered in the logical entries for each point of delivery if the billing is on a non-conjunctive basis. The peak day deliveries should be shown in total for each customer if the billing is on a conjunctive basis.

I. All volumes shall be reported in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0842	NATURAL GAS SALES FOR RESALE	2 of 4

J. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent-assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Field or Main Line Sale Indicator (N1): Enter one of the following codes: (INETOR) 1 = Field sale 2 = Main line
2 (Key)	Type of Sale (N1): Enter one of the following codes: (TYFLPR) 6 = Firm 7 = Off peak 5 = Interruptible 4 = Other
3 (Key)	Type Customer (N1): Enter one of the following codes: (TYCSSA) 1 = Interstate pipeline company 2 = Intrastate pipeline companies for resale under FPC schedules 3 = Gas utilities for resale under FPC rate schedules 4 = Other Note: For field sales only, codes 1 or 4 are valid entries.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0842	NATURAL GAS SALES FOR RESALE	3 of 4

Data Field Number	Instructions
4 (Key)	Customer Name (A35): Enter the name of company to whom the delivery was made. (IDNAME)
5	Associated Company Indicator (N1): Enter "1" if the company is an associated company; if not, enter "0". (INYONO)
6 (Key)	Point of Delivery, State Abbreviation (A2): Enter the state abbreviation for delivery point, from the Register of Data Standards, IDSTAT. For multiple location entries, see General Information, II-G.
7 (Key)	Point of Delivery, County Code (N3): Enter the county code for delivery point, from the Register of Data Standards, IDCNTY. For multiple location entries, see General Information II-G.
8	Tariff Rate Schedule (A6): Enter the rate schedule under which gas was sold. (IDDESC)
9	BTU Per Cubic Foot of Gas (N4.2) BTU/CF: Enter the British Thermal Units (BTU) per cubic foot of gas.
10	Quantity of Gas Sold (N7.3) MMCF: Enter the volume of gas sold, in MMCF rounded to three decimal places.
11	Total Revenue (N8) DOL: Enter the total dollar revenue for gas sold.
12	Average Cents Per MCF (N3.2) CTS/MCF: Enter the average cents per MCF for the total revenue, rounded to two decimal places.
13	Quantity Sum of Monthly Billing Demand (N7.3) MMCF: Monthly billing demands, as used in this data field are the number of MMCF in the respective months actually used in computing the demand portion of the customer's bills whereby such number of MMCF is multiplied by the demand portion of the tariff rate. Report in this data field the sum of the monthly billing demands for the number of months the customer received service or was subject to demand charges.
14	Quantity Noncoincidental Peak Day Delivery (N5.3) MMCF: Enter the volume of the noncoincidental peak day delivery, in MMCF rounded to three decimal places, for firm sales of 25,000 MMCF or more only. Indicate estimated volume by entering an "E" in the last character position of the data field. For multiple deliveries and non-conjunctive billings, see General Instruction, II-H.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0842	NATURAL GAS SALES FOR RESALE	4 of 4

Data Field Number	Instructions
15	Date Noncoincidental Peak Day Delivery (N6): Enter the date of the noncoincidental peak day delivery for firm sales of 25,000 MMCF or more only, in the format MMDDYY. For multiple deliveries and non-conjunctive billing, see General Instruction, II-H. (TMDATE)
16	Indicator Mixed Gas (N1): Enter "1" in this data field is the gas sold was mixed gas; if not, enter "0". (INYONO)
17	Percentage of Natural Gas in Mixture (N2.1) PCT: Enter the percentage of natural gas in the mixture, rounded to one decimal place. If the gas is unmixed, leave this data field blank.
18	Quantity Coincidental Peak Day Delivery (N5.3) MMCF: Enter the volume of the coincidental peak day delivery, in MMCF rounded to three decimal places, for firm sales of 25,000 MMCF or more only. Indicate estimated volume by entering an "E" in the last character position of the data field. For multiple deliveries and non-conjunctive billing, see General Instructions, II-H.
19	Date of Coincidental Peak Day Delivery (N6): Enter the date of the coincidental peak day delivery from firm sales of 25,000 MMCF or more only, in the format MMDDYY. For multiple deliveries and non-conjunctive billing, see General Instructions, II-H. (TMDATE)
20	Description of Components of Mixed Gas (A62): Describe the components of mixed gas sold to customers, i.e., whether natural and oil refinery gases, natural and coke oven gases, etc. If gas sold is unmixed, leave this data field blank. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0843	MULTIPLE POINTS OF DELIVERIES FOR SALES FOR RESALE	1 of 2

I. DESCRIPTION

This schedule details the multiple points of deliveries from Schedule 0855, when the billing is on a consolidated basis.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Class A and Class B Natural Gas Pipeline respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is a supplement to Schedule 0842 and is to be used only when there are multiple delivery points and consolidated bills are rendered under an FPC rate schedule.

D. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Indicator Field/Main Line Sale (N1): Enter one of the following codes: (INETOR) 1 = Field sale 2 = Main line
2 (Key)	Type of Sale (N1): Enter one of the following codes: (TYPLFR)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0843	MULTIPLE POINTS OF DELIVERIES FOR SALES FOR RESALE	2 of 2

Data Field Number	Instructions
2 (cont'd)	6 = Firm 7 = Off peak 5 = Interruptible 4 = Other
3 (Key)	Type Customer (N1): Enter one of the following codes: (TYCSSA) 1 = Interstate pipeline company 2 = Intrastate pipeline companies for resale under FPC rate schedules 3 = Gas utilities for resale under FPC rate schedules 4 = Other Note: For field sales only, codes 1 or 4 are valid entries.
4 (Key)	Customer Name (A35): Enter the name of the company to whom the delivery was made. (IDNAME)
5	Point of Delivery, State Abbreviation (N2): Enter the state abbreviation for delivery point, from the Register of Data Standards, IDSTAT.
6	Point of Delivery, County Code (N3): Enter the county code for delivery point, from the Register of Data Standards, IDCNTY.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0844	GAS STORED FOR OTHERS	1 of 1

I. DESCRIPTION

This schedule is used to collect information on gas stored for others by respondent, in underground storage.

II. GENERAL INFORMATION

A. This schedule is a supplement to Schedule 0410, Annual Underground Storage Summary, and shall be submitted by Class A and Class B Natural Gas pipeline companies who have indicated that gas is stored for others.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions and deletions.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Field Code (N6): Enter the code identifying storage field, from the Register of Data Standards, IDGFFL.
2	Reservoir ID (N6): Enter the unique, sequential (respondent assigned) code identifying the reservoir, from the Register of Data Standards, NRCADL. See General Information, II-C.
3	Customer Name (A26): Enter the name of the customer for whom gas is stored. (IDNAME)
4	Quantity of Gas Stored (N6.3) MMCF: Enter the quantity of gas stored for customer, in MMCF rounded to three decimal places.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0845	TAKE-OFF-POINTS, SMALL GROUP AND CONJUNCTIVE SALES	1 of 2

I. DESCRIPTION

This schedule is used to collect information on small group deliveries and conjunctive billing.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A Natural Gas Pipeline companies having a system delivery capacity in excess of 100,000 MCF per day; where deliveries to a single customer are made at two or more points and conjunctive billing is used to determine charges, the volumes delivered shall be reported on the conjunctive basis; small deliveries (less than 200 MCF per day) which have little or no effect upon the operation of the pipeline may be grouped in an appropriate manner, i.e., between compressor stations or the last main line compressor station and the end of the pipeline.

B. Respondents shall complete all data fields on this schedule annually.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Transmission Line Code (A6): Enter the unique (respondent assigned) code identifying transmission line. (IDEQPT)
2,4 (Key)	Compressor Station Code (A6): Enter the unique (respondent assigned) code identifying compressor stations between which deliveries were made. If deliveries were made between last compressor station and end of line, report in data field 2 only, leaving data field 4 blank. (IDEQPT)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0845	TAKE-OFF-POINTS, SMALL GROUP AND CONJUNCTIVE SALES	2 of 2

Data Field Number	Instructions
3,5 (Key)	Map Reference (A16): Map reference numbers for compressor stations reported in data fields 2 and 4 above; enter as specified in the Register of Data Standards, LCCOOR.
6	Delivery Type (N1): Enter "1" for group sales or "2" for conjunctive billing. (INETOR)
7	Quantity Delivered (N7.3) MMCF: Enter the quantity delivered, in MMCF rounded to three decimal places.
8	Indicator if Estimated (N1): If quantity reported in data field 7 above is an estimate, enter "1"; if not, enter "0". (INYONO)
9 (Key)	Data Year (N4): Enter year for which data is reported, in the format YYYY. (TMYEAR)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0846	UNAUTHORIZED OVERRUNS - PENALTIES AND WAIVERS	1 of 2

I. DESCRIPTION

This schedule is used to collect information on unauthorized overrun gas, penalties and waivers of penalties.

II. GENERAL INFORMATION

A. This schedule shall be completed by Class A and Class B Natural Gas Pipeline respondents from who resale customers took unauthorized overrun gas.

B. Respondents shall complete all data fields on this schedule annually.

C. Respondent Assigned Codes: All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data fields instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Customer Code (N6): Enter the code identifying customer, from the Register of Data Standards, IDRESP.
2	Customer Name (A35): Enter the name of the customer. If more than one customer is being reported as in rate zones, enter the number of customers so grouped, e.g., "9 customers". (IDNAME)
3	FPC Rate Schedule Number (A11): Enter the primary rate schedule number, left justified, eliminating dashes and spaces. If more than one rate schedule is involved, enter the additional rate schedules in data field 10 below. (IDRATE)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0846	UNAUTHORIZED OVERRUNS - PENALTIES AND WAIVERS	2 of 2

Data Field Number	Instructions
4	Volume of Overrun Gas (N6.3) MMCF: Enter the volume of gas taken, in MMCF rounded to three decimal places.
5	Amount of Fine (N6) DOL: Enter the dollar amount of the fine for overrun gas.
6	Period of Overrun (N1): Enter the code for period in which overrun occurred, as follows: (TYPEPM) 1 = During each of three highest days of system peak deliveries 2 = During the highest consecutive three-day system peak deliveries 3 = During the month of highest system deliveries 4 = On any day when a customer was penalized for taking unauthorized overrun gas while another customer, on the same day, received unauthorized overrun gas without penalty 5 = On any day when unauthorized overrun gas was taken by a customer while another customer, on the same day, was refused overrun gas
7	Indicate if Waived (N1): If the fine was waived, enter "1" in this data field; if not, enter "0". (INYONO)
8	Reason Waived (A1): Enter the code for reason waiver was granted, as follows: (INYONO) 0 = Tariff regulations, or no other customers were affected 1 = Failure of equipment 2 = Other, please specify in a footnote
9	Period for Which Waiver Granted (A13): Enter date, or dates, for which waiver was granted, in the format MMDDYY. If only one date, use left half of data field. (IDDESC)
10	Rate Schedule Number (A11): Use for additional rate schedule numbers, as per instructions for data field 3 above. (IDRATE)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0847	CAPACITY OF UNDERGROUND STORAGE RESERVOIRS	1 of 2

I. DESCRIPTION

This schedule is used to collect data pertaining to the location and capacity of each underground storage reservoir operated by the respondent and used in compiling underground gas storage data.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Class A and Class B Natural Gas companies subject to Federal Power Commission jurisdiction that operate underground natural gas storage fields in the United States.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions and deletions.

C. All capacities will be reported in MMCF rounded to three decimal places.

D. Respondent Assigned Codes. All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Field Code (A6): Enter the FPC assigned code number, from the Register of Data Standards, IDGPFL. If the field code is not listed, contact the Head, Supply and Production Section, BNG, Federal Power Commission, and a code will be assigned.
2 (Key)	Reservoir ID (N6): Enter a unique, sequential (respondent assigned) identification code, as specified in the Register of Data Standards, NRCADL.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0847	CAPACITY OF UNDERGROUND STORAGE RESERVOIRS	2 of 2

Data Field Number	Instructions
3	Field Name (A20): Enter the corresponding field name identifying each underground storage reservoir. (IDGPFL)
4 (Key)	State Abbreviation (A2): Enter the two character state abbreviation, from the Register of Data Standards, IDSTAT.
5 (Key)	County Code (N3): Enter the three digit county code, from the Register of Data Standards, IDCNTY.
6	Reservoir Storage Capacity (N10.3) MMCF: Report the certificated storage capacity of each reservoir, in MMCF rounded to three decimal places.
7	Field Status Code (A1): Enter one of the following codes: (TYGRST) A = Active P = Proposed R = Reinstated D = Development Stage F = Future Abandonment
8	Joint Ownership Indicator (N1): Enter a "1" if joint ownership; if not, enter "0". If joint ownership exists, respondent must complete Schedule 0851. (INYONO)

FPC Form 131
(3-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0848	NATURAL GAS PIPELINE SYSTEM MAPS	1 of 2

I. DESCRIPTION

A system map(s) shall depict the facilities operated by the respondent for the production, gathering, transportation and sale of natural gas.

II. GENERAL INFORMATION

A. A system map(s) shall be submitted by all Class A and Class B Natural Gas pipeline companies subject to the jurisdiction of the Federal Power Commission.

B. The respondent shall submit the map(s) with the initial submission. Subsequent filings need not include the system map if no change has occurred in the facilities operated by the repondent since the previous year's annual submission. However, if maps are not furnished for this reason, a written statement shall be submitted in lieu of the maps, stating the date of the report period in which the maps were submitted.

C. Each map shall indicate the following:

(1) Graphic scale to which map is drawn.

(2) Date as of which the map represents the facts it purports to show.

(3) A legend giving all symbols and abbreviations used.

(4) Designation of facilities leased to or from another company, giving name of such other company.

D. Maps not larger than 24 inches square are desired. Larger maps may be submitted, however, if necessary to show essential information; the maps should be folded to 8 1/2" x 11" size.

III. DETAILED INSTRUCTIONS

The following information is to be indicated on the map(s):

(a) Transmission lines (colored in red), if they are not otherwise clearly indicated.

(b) Principal pipeline arteries of gathering systems.

(c) Sizes of pipe in principal pipelines shown on map.

(d) Normal directions of gas flow, indicated by arrows.

(e) Location of natural gas fields or pools in which the respondent produces or purchases natural gas.

(f) Location of compressor stations, products extraction plants, underground storage areas, recycling areas, stabilization plants, important purification plants, etc.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0848	NATURAL GAS PIPELINE SYSTEM MAPS	2 of 2

(g) Important main line interconnections with other natural gas companies, indicating in each case whether gas is received or delivered and name of connecting company.

(h) Principal communities in which respondent renders local distribution service.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0649	GAS PROCUREMENT ACTIVITY STATEMENT	1 of 1

I. DESCRIPTION

This schedule is used to collect details of gas procurement activity during the report year.

II. GENERAL INFORMATION

A. This schedule shall be completed by all Natural Gas pipeline companies subject to the jurisdiction of the Federal Power Commission.

B. Respondents shall complete all data fields on this schedule annually.

C. This schedule is narrative in format. Each line entry will contain a paragraph number, a line sequence number, and the narrative description of the activity. The descriptive information will be limited to 70 character positions per line entry. The description will include a general statement on, but not limited to:

(1) The company's gas procurement activity including future supply additions.

(2) The status of exploration and development activity in, or near, the general producing areas traversed by or available to the pipeline system to provide information which may be relied upon by the respondent with respect to applications for certificates under Section 7(c) of the Natural Gas Act (Statement of Policy, Docket Number R-239, 18 CFR 260.7).

(3) Future contract additions.

D. This schedule should be used to support and provide additional data for Schedule 0402, Pipeline System Deliverability Summary.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Paragraph Number (N2): Enter a two-digit paragraph sequence number. (NRCADL)
2	Line Sequence Number (N3): Enter a three-digit line sequence number within each paragraph. (NRCADL)
3	Activity Statement (A70): Enter the narrative description. (IDDESC)

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0850	GAS SUPPLY PRODUCING AREAS - MAPS	1 of 2

I. DESCRIPTION

The map(s) to be provided with this schedule shall cover the producing areas traversed by the pipeline system as supporting documentation of Schedules 0404 through 0407.

II. GENERAL INFORMATION

A. The map(s) shall be submitted by all Class A and Class B Natural Gas pipeline companies subject to the jurisdiction of the Federal Power Commission.

B. The respondent shall submit the map(s) with the initial submission. Subsequent filings need not include the system map if no change has occurred in the facilities operated by the respondent since the previous year's submission. However, an alphabetical listing by fields of such reservoirs and the report year in which they were filed will be included as the first page, or pages, of this map schedule.

III. DETAILED INSTRUCTIONS

Each company shall submit:

1. A general map or maps covering the producing areas traversed by the pipeline system showing the location of the following:

   (a) The principal facilities operated by the company including all principal pipeline facilities and processing plants used to deliver gas to its main pipeline system, indicating plant operator if other than company.

   (b) River crossings and principal political divisions.

   (c) The location of each gas supply source including production and storage fields, together with a clearly outlined reference to the field maps required by item 2 below.

2. A map shall be submitted for each field, except where more than one field can be shown without confusion on a single map. These maps shall be at a scale no smaller than one inch equals one mile, 1/5,280 (the denominator of this fraction shall be no larger than 5,280), clearly lettered and legible. All field maps shall be inserted following the general pipeline map or maps, item 1, alphabetically by field and shall include the following:

   (a) The name of the field(s), the field code(s), the field location (state, county or parish) and if applicable, the group name and group code, from the Register of Data Standards, IDGPFL and IDGSPG.

   (b) Every reservoir on each map - identified by name.

   (c) Date of reporting year in which map is submitted, in the format MMDDYY.

   (d) All survey and section lines - clearly identified.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0850	GAS SUPPLY PRODUCING AREAS - MAPS	2 of 2

   (e) Acreage committed to the company for each reservoir.

   (f) The proven productive limits of each reservoir, where known - outlined and identified.

   (g) All oil wells, gas wells and dry holes, including wells outside the reservoir limits, which were considered in making the gas reserve estimates for the reservoir.

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(5-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0851	OWNERSHIP OF UNDERGROUND STORAGE RESERVOIRS	1 of 2

I. DESCRIPTION

This schedule is used to collect the percent of ownership of each underground storage reservoir held in joint ownership.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Class A and Class B Natural Gas companies subject to Federal Power Commission jurisdiction who operate underground storage reservoirs under joint ownership.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions and deletions.

C. Respondent Assigned Codes. All of the codes designated as "respondent assigned" must be numerical, beginning with "000001" and continuing in a numerical sequence until all components (or groups of components) of a similar type have been assigned a unique code. If a component (or group of components) is referenced in more than one schedule, it is essential that the same code be used to identify each component (or group of components). Therefore, each respondent must identify each component (or group of components) by a unique, sequential code. These codes must be consistent from schedule to schedule and from year to year.

Note: If a respondent has previously assigned UNIQUE codes to components (or groups of components) these codes may be used instead of sequential codes. These codes must be consistent from schedule to schedule and from year to year.

Examples of components or groups of components which require respondent assigned codes -

- Reservoir I.D.
- Transmission Line Code
- Compressor Station Code

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Field Code (A6): Enter the FPC assigned code number, from the Register of Data Standards, IDGPFL. If the field code is not listed, contact the Head, Supply and Production Section, BNG, Federal Power Commission, and a code will be assigned.
2 (Key)	Reservoir ID (N6): Enter a unique, sequential (respondent assigned) identification code, as specified in the Register of Data Standards, NRCADL.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0851	OWNERSHIP OF UNDERGROUND STORAGE RESERVOIRS	2 of 2

Data Field Number	Instructions
3	Percent of Respondent Ownership in Reservoir (N3.2) PCT: Enter the percent of respondent ownership in the underground storage reservoir, rounded to two decimal places.
4	Name of Co-Owners (A26): Indicate the name of each co-owner. (IDNAME)
5	Percent of Co-Owner Interest (N3.2) PCT: Enter the percent of co-owner interest in the underground storage reservoir, rounded to two decimal places.
6	State Abbreviation (A2): Enter the state abbreviation in which the field (data field 1 above) is located, from the Register of Data Standards, IDSTAT.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0853	DISCLOSURE OF OTHER GAS SUPPLY FILINGS WITH FEDERAL AGENCIES	1 of 1

I. DESCRIPTION

This schedule is used to collect information on disclosure of other gas supply filings with Federal agencies.

II. GENERAL INFORMATION

A. This schedule is a supplement to Schedule 0401, Pipeline Gas Supply Synopsis, and shall be submitted by Natural Gas pipeline companies who have indicated a gas supply statement filed with other agency(ies).

B. Respondents shall complete all data fields on this schedule annually, subject to II-A above.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Filing Party (A35): Enter the name of the filing party: the respondent, its parent company, or an affiliate. (IDNAME)
2	Name of Report (A25): Enter the name of the report filed. (IDDESC)
3	Date of Report (N6): Enter the date the report was submitted, in the format MMDDYY. (TMDATE)
4	Recipient Government Agency (A35): Enter the name of the other Federal Government agency the report was filed with. (IDNAME)
5	Reconciliation of Any Gas Reserve Differences (A249): Describe that portion of the gas supply included in each filing belonging to the respondent which is different from that reported in the respondent's current report year filing. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0000	FOOTNOTES TO FPC PUBLIC USE SCHEDULES	1 of 2

I. DESCRIPTION

This schedule is used to collect the text for all footnote references for a respondent submission.

II. GENERAL INFORMATION

A. This schedule shall be submitted when applicable by all respondents for reporting footnotes to FPC Public Use Schedules.

B. The footnote reference numbers must be unique within a particular submission.

C. The respondent has to indicate two major types of footnotes.

1. General Footnote - The General Footnote can refer to either the entire schedule or one data field on the schedule, i.e. all data which is reported for data field 5 on the schedule not just one specific value for data field 5.

2. Specific Footnote - The Specific Footnote can refer either to an entire logical entry, i.e. group of related data which separates as an entity on a schedule or a data item within the logical entry.

The following entries are provided as an example:

Type Footnote	Data Field 2 (Footnote No.)	Data Field 3 (Ref. ID)
1. General Footnote		
a. Entire schedule	001	GEN
b. All data values for data field 5 entries on this schedule	001	005
All data values for data field 6 entries on this schedule	001	006
2. Specific Footnote		
a. Entire logical entry	002	GEN
b. Data item entry	002	004
	002	006
	002	008

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0000	FOOTNOTES TO FPC PUBLIC USE SCHEDULES	2 of 2

Data Field Number	Instructions
1 (Key)	Schedule Number (N4): Enter the number of the schedule on which the footnote reference number was assigned, e.g., 0501 or 0505.
2 (Key)	Footnote Number (N3): Enter the unique footnote reference number from 001-999 for each particular submission.
3 (Key)	Reference Identification (A3): Enter "GEN" for Type 1a and 2a footnotes, i.e., footnotes that apply to the entire schedule (or to an entire logical entry) or enter the appropriate data field number for the specific data field value being footnoted (Type 1b or 2b).
4 (Key)	Line Sequence Number (N2): Enter 01, 02 etc., for each successive line of text.
5 (Key)	System Code (N6): This data field applies only to Electric respondents reporting data by system. Enter the six digit number code for the system, from the Register of Data Standards, IDSYST.
6 (Key)	Plant ID (N5): This data field applies only to Electric respondents reporting data by plant. Enter the five digit numeric code for the plant, from the Register of Data Standards, IDPLNT.
7 (Key)	Project Development Code (A5): This data field applies only to Electric respondents reporting data by license projects. Enter the five digit numeric code for the license project, from the Register of Data Standards, IDLPRJ.
8	Text (A72): Enter the text of the footnote. Use successive lines as required for text. Repeat Data Fields 1-3, 5 or 6 as applicable, and increment Data Field 4 (Line Sequence Number) by 1.

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(3-76)

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 1000	SUPPORTING DOCUMENTATION	1 of 1

I. DESCRIPTION

This schedule is used to collect schedule related supporting documentation not required by the Public Use Schedules.

II. GENERAL INFORMATION

A. This schedule shall be submitted by any Federal Power Commission respondent who desires to provide supportive documentation or any additional information relating to the Public Use Schedules.

B. This schedule shall be completed only as deemed necessary by the respondent or where specifically requested by detailed instructions for other schedules.

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(3-76)

FEDERAL POWER COMMISSION / REGULATORY INFORMATION SYSTEM

REGISTER OF DATA STANDARDS

DATA ITEMS

FORM NO. 153

DATA ITEM LIST MNEMONIC: IDCNTY

DATA ITEM LIST TITLE: ID, COUNTIES OF THE US.

DATA ITEM LIST DESCRIPTION: IDENTIFIES THE COUNTIES OF THE US. COUNTIES, AS FIRST ORDER SUBDIVISIONS OF MOST STATES, ARE CONSIDERED SYNONYMOUS WITH PARISH, BOROUGH, OR CENSUS DIVISION USED IN OTHERS. FOR RIS USE, THIS LIST IS SUPPLEMENTED WITH NATURAL GAS OFFSHORE AREAS.

DATA ITEM LIST SOURCE: FIPS PUB 6-2,SEP 15, 1973 AND FPC

DATA ITEM LIST:

	CODE	ABBREVIATION
OFFSHORE, STATE	00990	990
OFFSHORE, FEDERAL	00995	995
OFFSHORE, GENERAL	00999	999
(REST ARE FIPS)		

DATA ITEM LIST MNEMONIC: IDEQPT

DATA ITEM LIST TITLE: ID, FACILITIES/EQUIPMENT

DATA ITEM LIST DESCRIPTION: IDENTIFIES A FACILITY OR EQUIPMENT UNIT OR GROUP AS DETERMINED BY THE RESPONDENT OR OTHER AGENCY FOR WHICH A CODE LIST IS NOT MAINTAINED AT THE FPC.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST: (RESPONDENT SUPPLIED)

DATA ITEM LIST MNEMONIC: IDGPFL

DATA ITEM LIST TITLE: ID, GAS PLANTS/FIELDS

DATA ITEM LIST DESCRIPTION: IDENTIFIES GAS PLANTS OR FIELDS FOR WHICH PRODUCTION IS REPORTED TO THE FPC.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST: (TO BE SUPPLIED WHEN FORM IS DUE)

DATA ITEM LIST MNEMONIC: IDGSPG

DATA ITEM LIST TITLE: ID, GAS SUPPLY GROUP

DATA ITEM LIST DESCRIPTION: IDENTIFIES GAS SUPPLY GROUPS ASSIGNED BY THE FPC TO FIELD OR CONTRACT AREAS OF FILING COMPANIES. CODES FOR GENERAL USE ARE GIVEN BELOW, CODES NOT LISTED ARE FOR USE BY ONLY THE COMPANY TO WHICH ASSIGNED.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST:

	ABBREVIATION
LIQUIFIED NATURAL GAS	L44507
CANADIAN GAS	M08276
EMERGENCY PURCHASES	M17231
FPC GAS TARIFF	M19519
GAS STORAGE FIELDS	M23900
MEXICAN GAS	M47758
MISCELLANEOUS	M48173
SHORT TERM CONTRACTS	M70206
SURPLUS GAS CONTRACT	M72584
SUBSTITUTE NATURAL GAS	S80000

DATA ITEM LIST MNEMONIC: IDNGAR

DATA ITEM LIST TITLE: ID, NATURAL GAS AREAS

DATA ITEM LIST DESCRIPTION: IDENTIFIES EXPORT/IMPORT SOURCES OF NATURAL GAS OR SUBDIVISIONS OR THE US DESIGNATED AS NATURAL GAS AREAS BY THE FPC.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST: (TO BE SUPPLIED WHEN FORM IS DUE).

DATA ITEM LIST MNEMONIC: IDRESP

DATA ITEM LIST TITLE: ID, FPC RESPONDENTS AND OTHER PARTIES OF INTEREST

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST: (TO BE SUPPLIED WHEN FORM IS DUE.)

DATA ITEM LIST MNEMONIC: IDSTAT

DATA ITEM LIST TITLE: ID, STATES OF THE UNITED STATES

DATA ITEM LIST DESCRIPTION: IDENTIFIES THE 50 STATES, THE DISTRICT OF COLUMBIA, AND THE OUTLYING AREAS OF THE US, ALL OF WHICH ARE CONSIDERED FIRST ORDER SUBDIVISIONS OF THE US.

DATA ITEM LIST SOURCE: FIPS PUB 5-1, JUN 15, 1970

DATA ITEM LIST:

	CODE	ABBREVIATION
ALABAMA	01	AL
ALASKA	02	AK
AMERICAN SAMOA	03	AS
ARIZONA	04	AZ
ARKANSAS	05	AR
CALIFORNIA	06	CA
CANAL ZONE	07	CZ
COLORADO	08	CO

(REST TO BE SUPPLIED WHEN FROM IS DUE)

DATA ITEM LIST MNEMONIC: IDWELL

DATA ITEM LIST TITLE: ID, OIL/GAS WELLS

DATA ITEM LIST DESCRIPTION: IDENTIFIES AN OIL OR GAS WELL IN A MANNER PRESCRIBED BY THE AMERICAN PETROLEUM INSTITUTE. THIS IS A CHAIN DATA ITEM CONSISTING OF: STATE(2), COUNTY/PARISH/OFFSHORE AREA(3), WELL ID(5), DIRECTIONAL SIDETRACK ID(2), CSD DISTRICT(2).

DATA ITEM LIST SOURCE: AMERICAN PETROLEUM INSTITUTE (API)

DATA ITEM LIST: (TO BE SUPPLIED BY THE RESPONDENT WHEN FORM IS DUE)

DATA ITEM LIST MNEMONIC: LCCOOR

DATA ITEM LIST TITLE: LOCATION, GEOGRAPHICAL COORDINATES

DATA ITEM LIST DESCRIPTION: DESIGNATES A POINT ON THE SURFACE OF THE EARTH BY THE ANGEL EAST OR WEST OF GREENWICH AND NORTH OR SOUTH OF THE EQUATOR. THE FORMAT IS: DDMMSSN,DDDMMSSW WHERE D=DEGREES, M=MINUTES, AND S=SECONDS OF NORTH LATITUDE AND WEST LONGITUDE.

DATA ITEM LIST SOURCE: ANSI X3L8/196 (DRAFT)

DATA ITEM LIST: (TO BE SUPPLIED BY THE RESPONDENT WHEN THE FORM IS DUE.)

DATA ITEM LIST MNEMONIC: NRCADL

DATA ITEM LIST TITLE: NUMBER, CARDINAL

DATA ITEM LIST DESCRIPTION: IDENTIFIES A CARDINAL NUMBER ASSIGNED BY A RESPONDENT AS A REFERENCE OR SERIAL ID TO PERMIT DOCUMENT, PAGE, FOOTNOTE OR OTHER SIMILAR REFERENCE. ALLOWABLE DATA LENGTH TO MAXIMUM IS DETERMINED FROM SOURCE INPUT SCHEDULE.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST: (TO BE SUPPLIED BY RESPONDENT WHEN FORM IS DUE)

DATA ITEM LIST MNEMONIC: TYCTBS

DATA ITEM LIST TITLE: TYPE OF CURTAILMENT BASIS

DATA ITEM LIST DESCRIPTION: INDICATES THE BASIS OF CURTAILMENT OF DELIVERY.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST:

	CODE
CONTRACT DEMAND	1
ENTITLEMENT	2
MAXIMUM DAY	3

DATA ITEM LIST MNEMONIC: TYGPLT

DATA ITEM LIST TITLE: TYPE OF GAS PLANT

DATA ITEM LIST DESCRIPTION: INDICATES THE TYPE OF GAS PLANT BY PRINCIPAL PRODUCT.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST:

	CODE	ABBREVIATION
LIQUIFIED PETROLEUM GAS	1	LPG
MANUFACTURED GAS	2	MFG
PRODUCT EXTRACTION	3	EXT
SYNTHETIC NATURAL GAS	4	SNG

DATA ITEM LIST MNEMONIC: TYGRGA

DATA ITEM LIST TITLE: TYPE OF GEOLOGIC AGE CLASS

DATA ITEM LIST DESCRIPTION: INDICATES THE GEOLOGIC ERA, SYSTEM AND SERIES OF GAS PRODUCING RESERVOIRS.

DATA ITEM LIST SOURCE: AAPG-CSD

DATA ITEM LIST:

	CODE
CENOZOIC	100
CENOZOIC QUATERNARY	110
CENOZIC QUATERNARY RECENT	111
CENOZOIC QUATERNARY PLEISTOCENE	112
CENOZIC TERTIARY	120
CENOZOIC TERTIARY PLIOCENE	121
CENOZOIC TERTIARY MIOCENE	122
CENOZOIC TERTIARY OLIGOCENE	123
CENOZOIC TERTIARY EOCENE	124
CENOZOIC TERTIARY PALEOCENE	125
MESOZIC	200
MESOZIC CRETACEOUS	210

(REST TO BE SUPPLIED WHEN FORM IS DUE.)

DATA ITEM LIST MNEMONIC: TYGRLT

DATA ITEM LIST TITLE: TYPE OF LITHOLOGIC CATEGORY

DATA ITEM LIST DESCRIPTION: INDICATES THE TYPE OF GEOLOGIC ENVIRONMENT OF OIL AND GAS RESOURCES.

DATA ITEM LIST SOURCE: AMERICAN PETROLEUM INSTITUTE (API)

DATA ITEM LIST:

SANDSTONE, (UNSPECIFIED)	10
SANDSTONE, UNCONSOLIDATED	11
SANDSTONE, SILTSTONE	12
SANDSTONE, GRAYWACKE	13
SANDSTONE, ARKOSE	14
SANDSTONE, GRANITE WASH	15
SANDSTONE, CONGLOMERATE	16
SANDSTONE, SEDIMENTARY BRECCIA	17
CARBONATE, (UNSPECIFIED)	20
CARBONATE, CALCITE (LIMESTONE)	21
CARBONATE, DOLOMITE	22
CARBONATE, CLASTIC	23
OTHER, (UNSPECIFIED)	30
OTHER, IGNEOUS	31
OTHER, METAMORPHIC	32
OTHER, SEDIMENTARY	33

DATA ITEM LIST MNEMONIC: TYTRAN

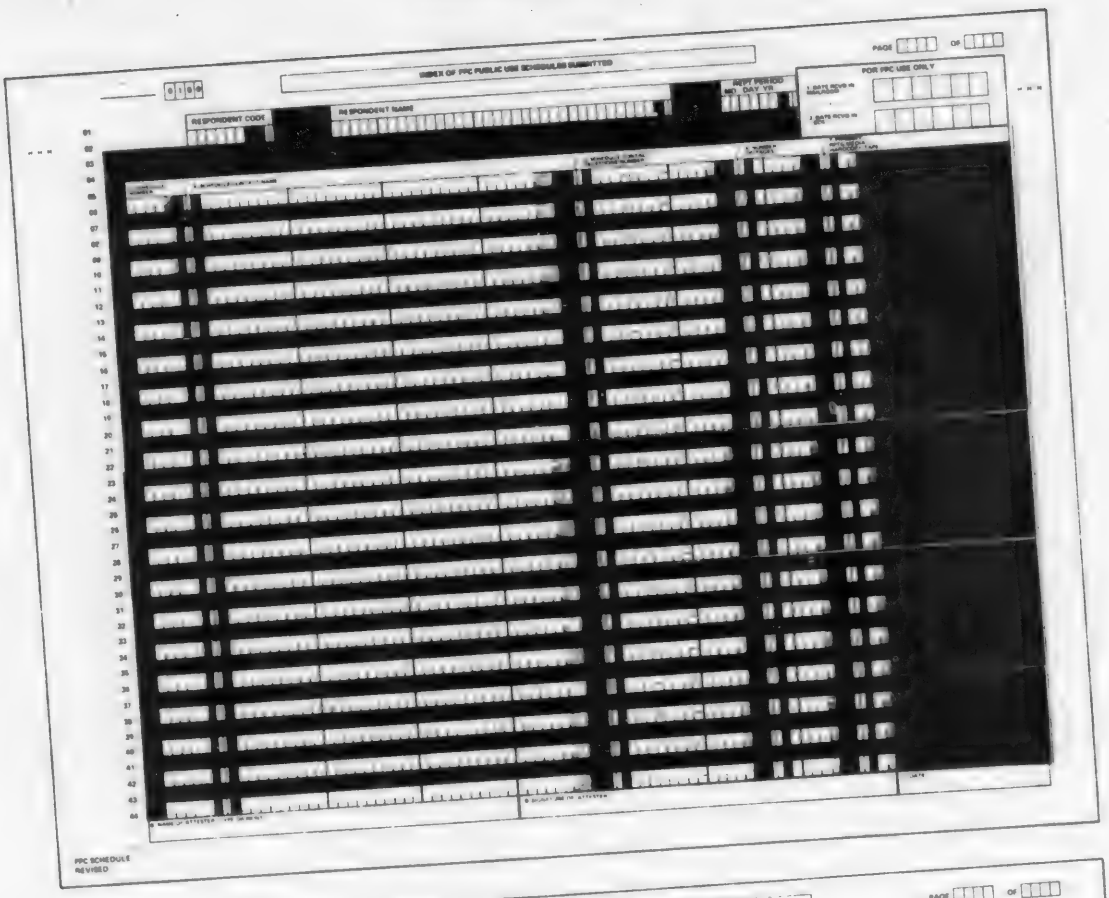
DATA ITEM LIST TITLE: TYPE OF TRANSPORTATION MODE

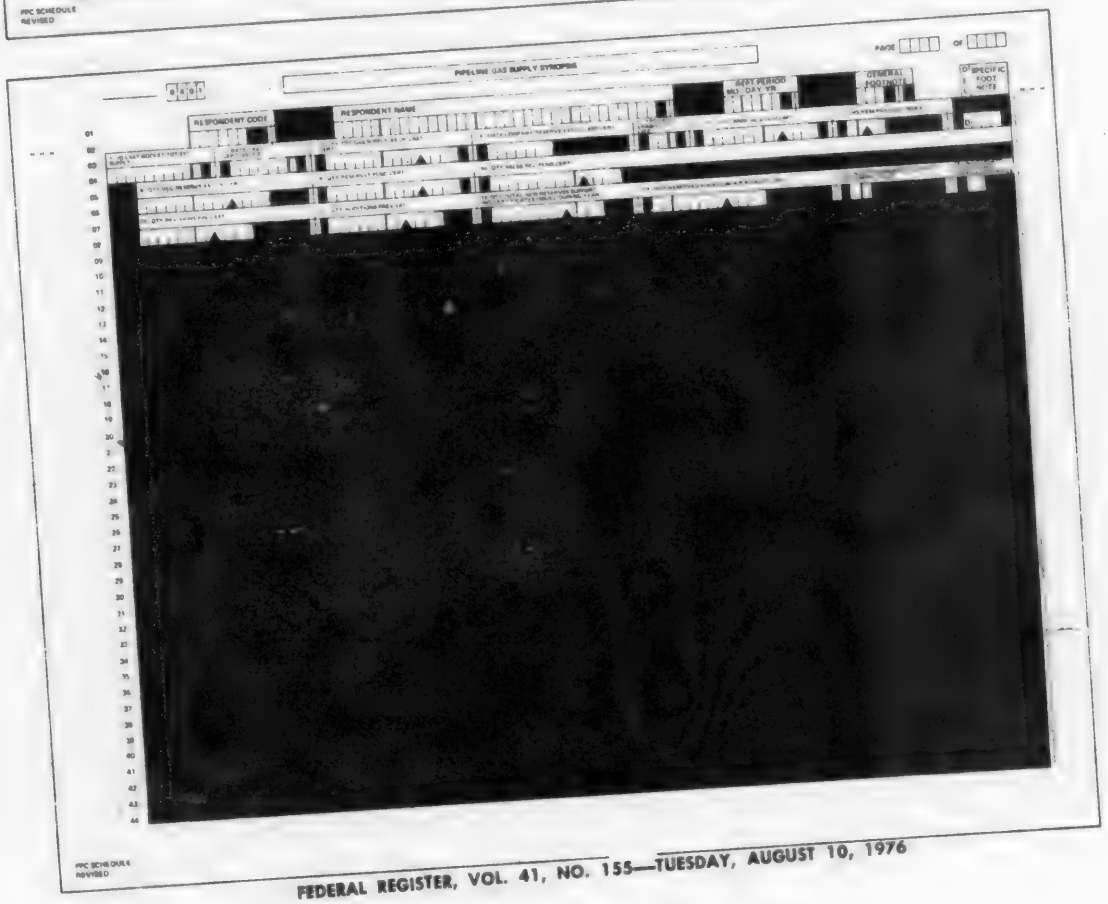
DATA ITEM LIST DESCRIPTION: INDICATES THE MODE OF TRANSPORT USUALLY USED FOR UTILITY FUELS. WHERE AN INTERMEDIATE STORAGE OR TRANSSHIPMENT POINT IS INVOLVED, A DOUBLE CODE OR ABBREVIATION IS USED, THE FIRST FOR THE INITIAL MODE, THE SECOND FOR THE FINAL MODE.

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST:

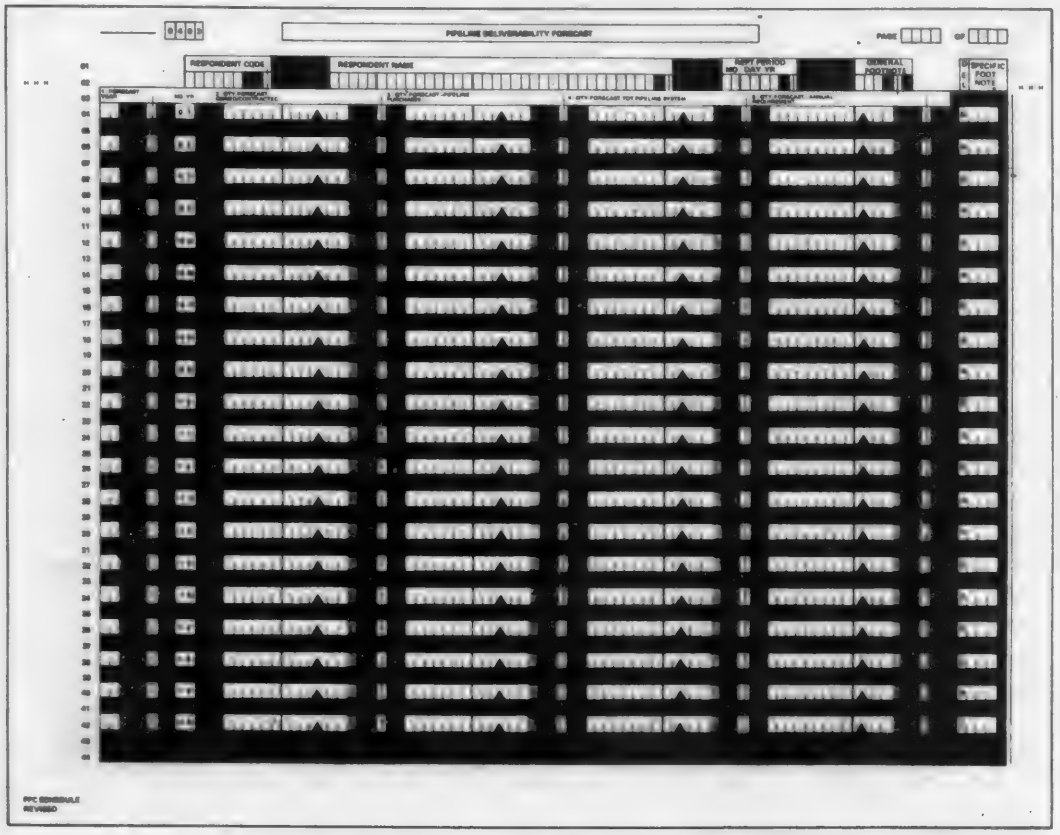
	CODE	ABBREVIATION
BARGE, UNSPECIFIED TYPE	10	B
BARGE, UNIT	12	A
SHIP, UNSPECIFIED TYPE	20	H
COLLIER	23	V
OIL TANKER	24	W
SHIP, LNG	25	L
RAIL, NON-UNIT TRAIN	31	R
RAIL, UNIT TRAIN	32	U
RAIL, TANK CAR	34	X
PIPELINE, COAL SLURRY	43	S
PIPELINE, GAS OR OIL	44	P
TRUCK, UNSPECIFIED TYPE	50	T
TRUCK, TANK	54	Y
TRUCK, LNG	55	Z
CONVEYOR BELT	81	C
OTHER	99	O


INDEX OF FPC PUBLIC USE SCHEDULES SUBMITTED
PAGE
OF
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD
MO DAY YR
FOR FPC USE ONLY
FPC SCHEDULE
REVISED


PIPELINE GAS SUPPLY SYNOPSIS
PAGE
OF
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD
MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
FPC SCHEDULE
REVISED

SAMPLE

SAMPLE



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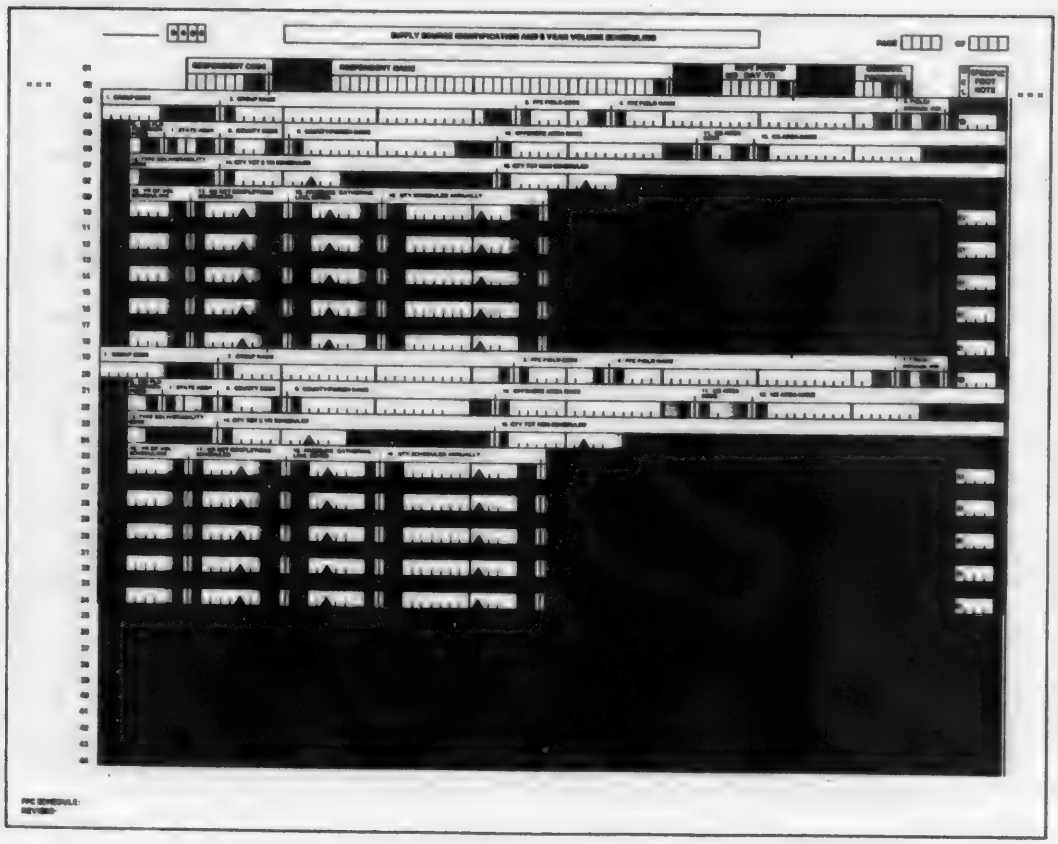

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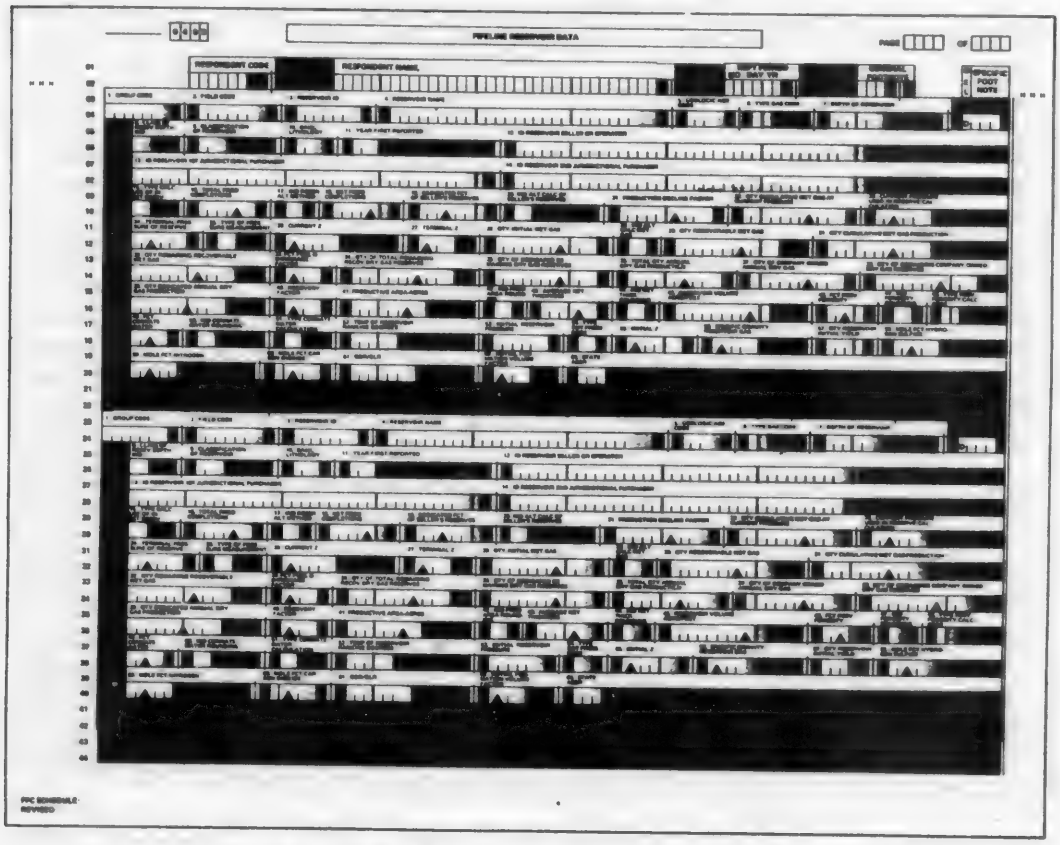

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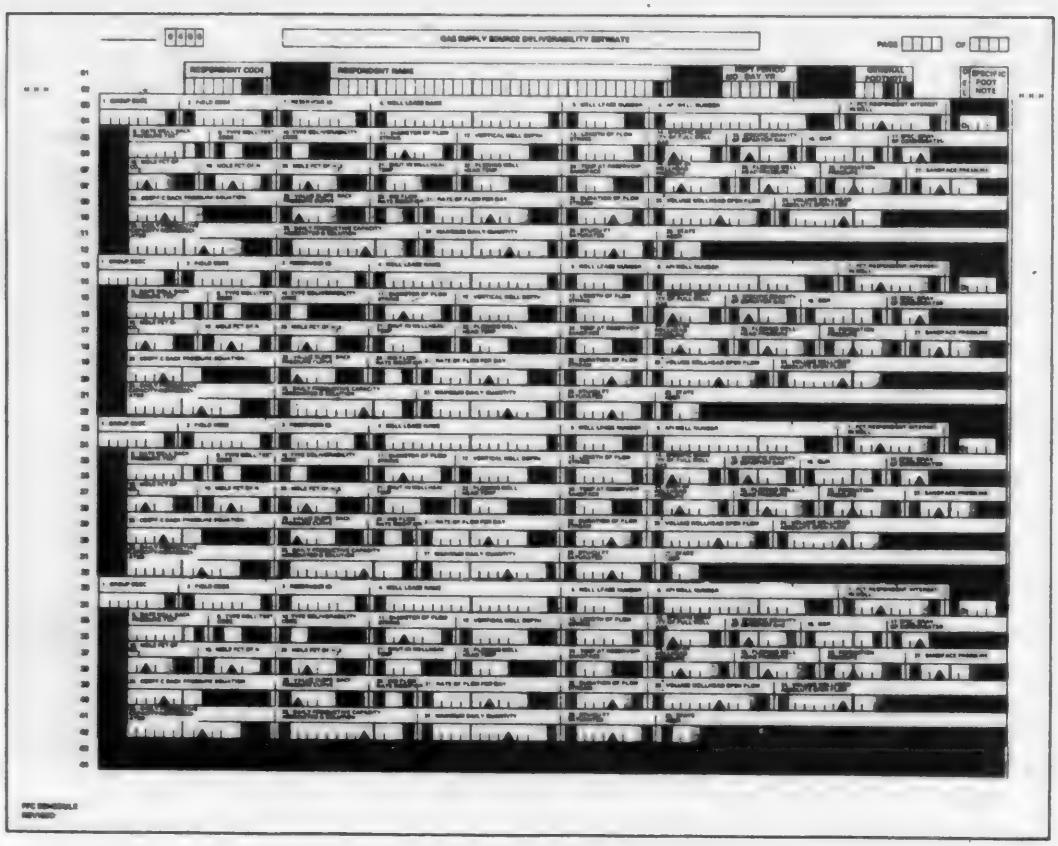

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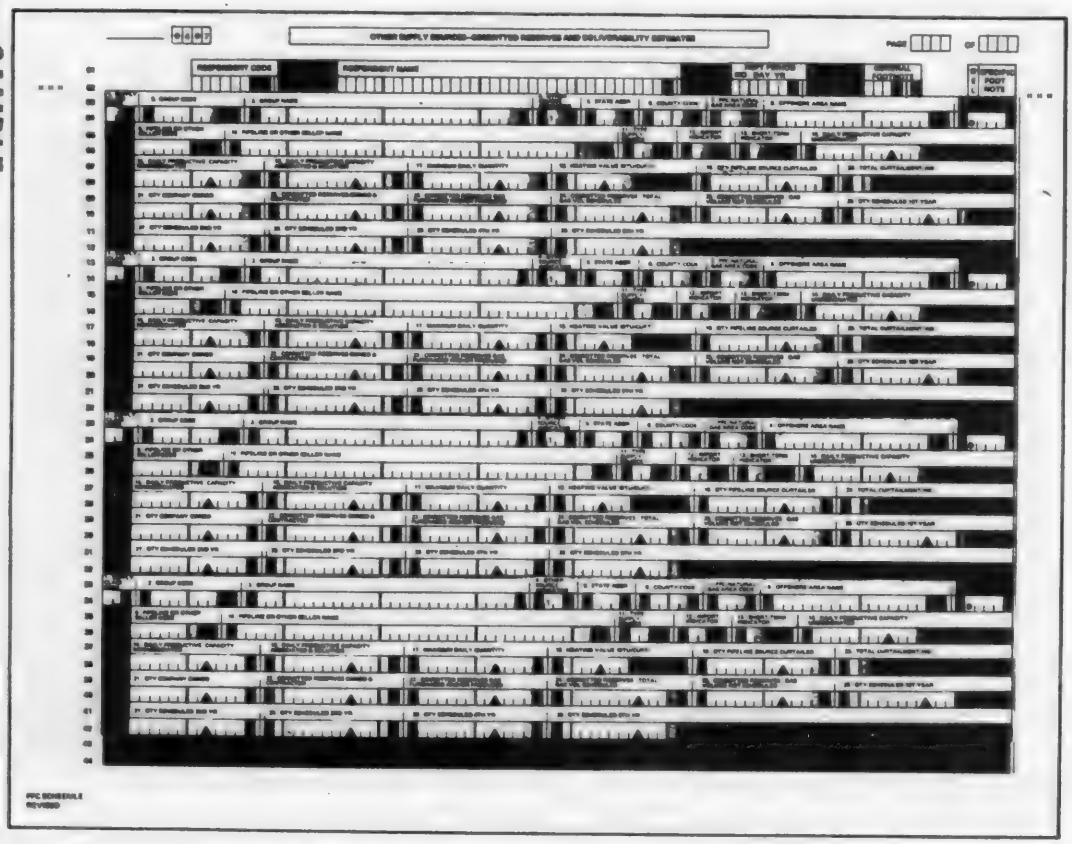

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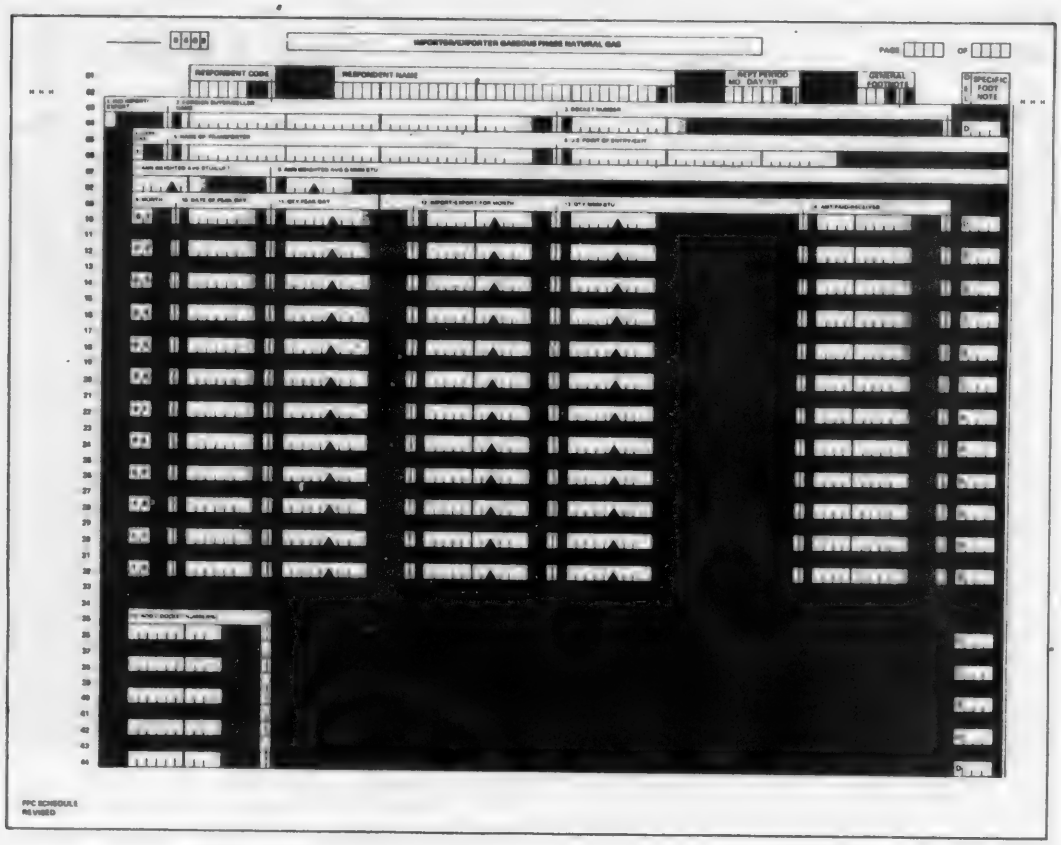
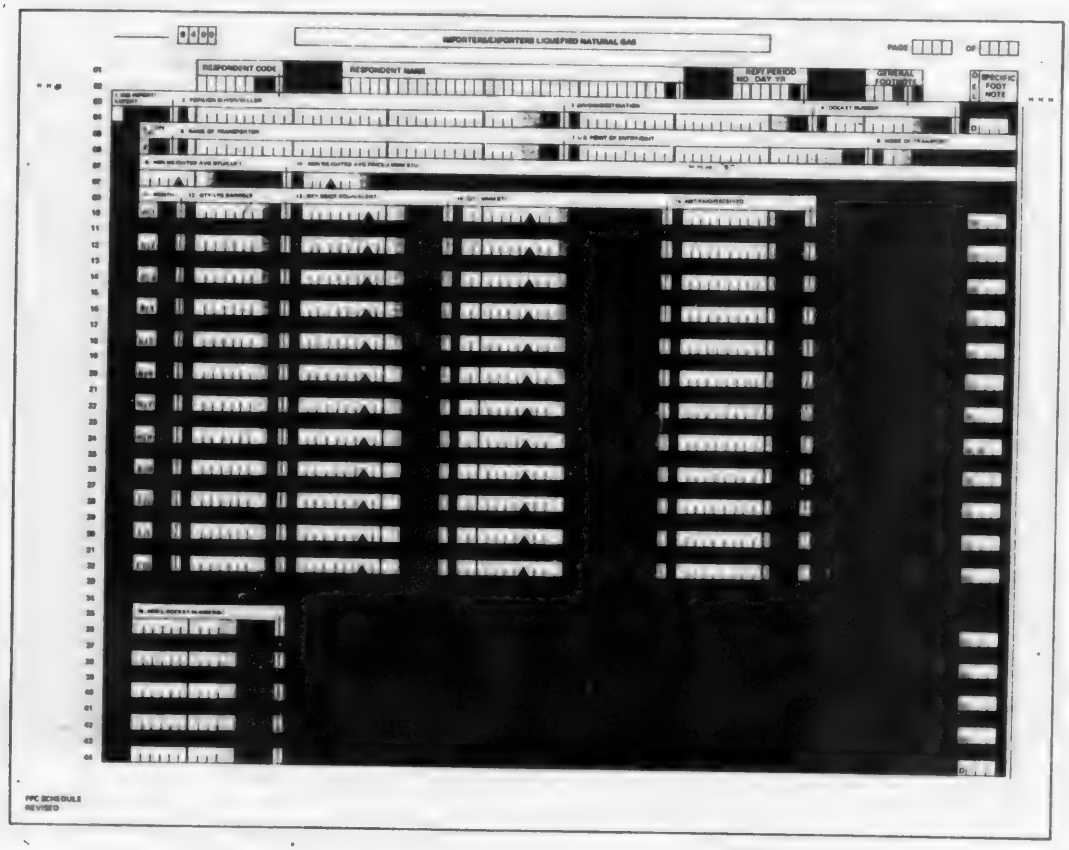
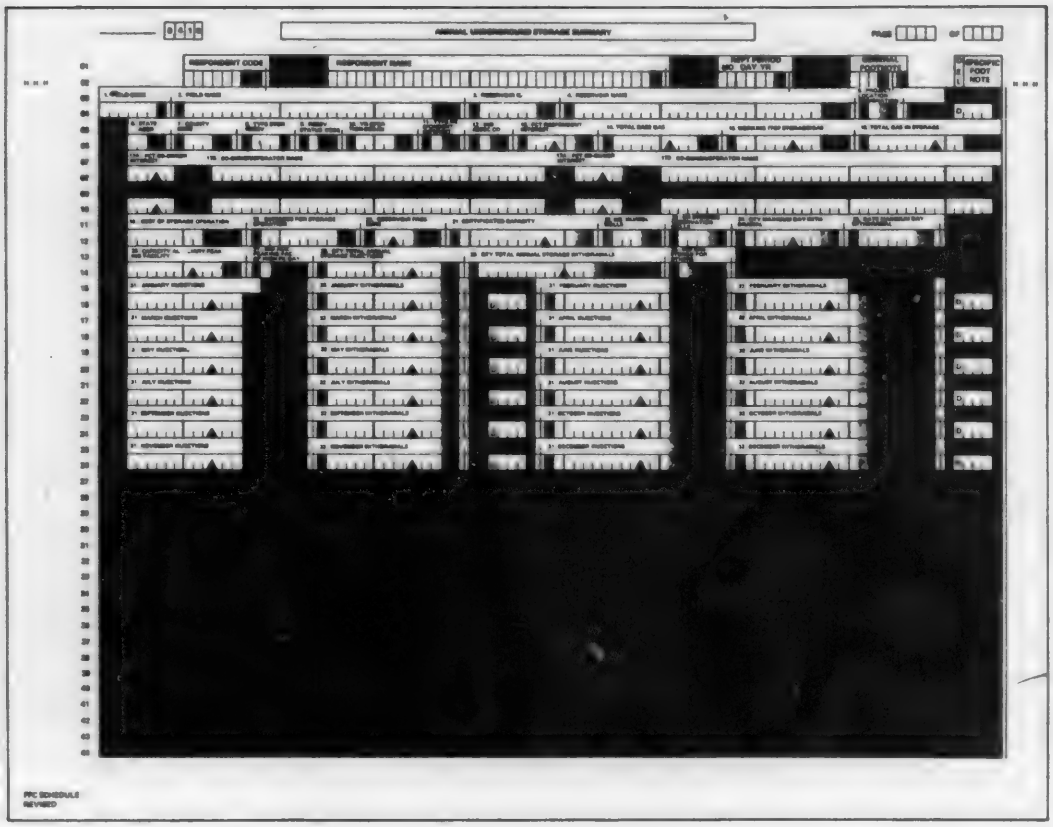
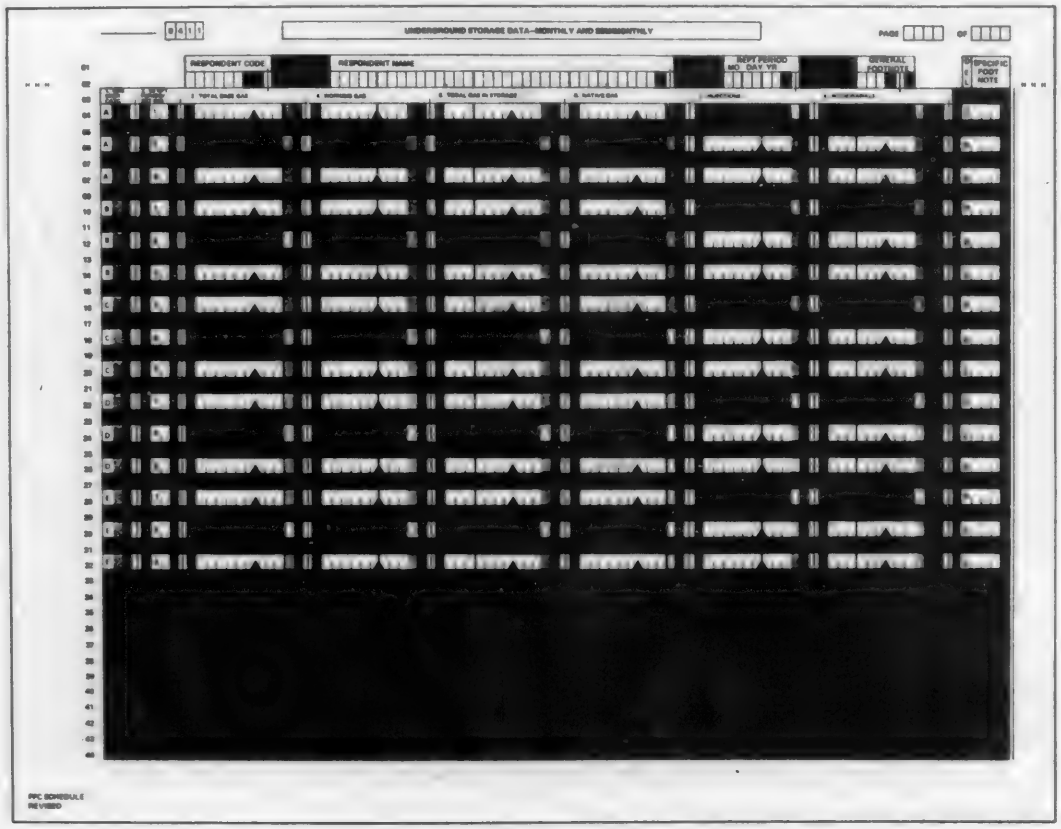

IMPORTER/EXPORTER GASEOUS PHASE NATURAL GAS
PAGE
OF
RESPONDENT CODE
RESPONDENT NAME
REPT PERIOD
MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
FPC SCHEDULE
REVISED

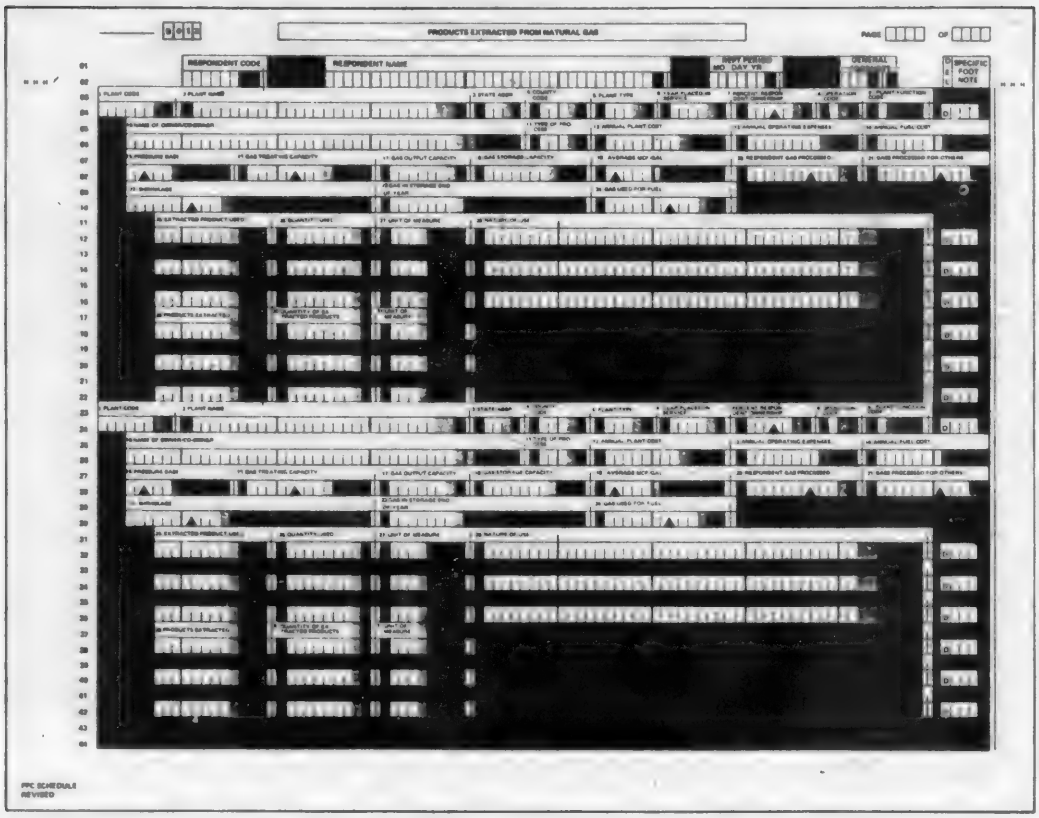

IMPORTER/EXPORTER LIQUEFIED NATURAL GAS
PAGE
OF
RESPONDENT CODE
RESPONDENT NAME
REPT PERIOD
MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
FPC SCHEDULE
REVISED


ANNUAL UNDERGROUND STORAGE SUMMARY
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD
MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
FPC SCHEDULE REVISED

SAMPLE


UNDERGROUND STORAGE DATA—MONTHLY AND SEMIMONTHLY
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD
MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
FPC SCHEDULE REVISED

SAMPLE



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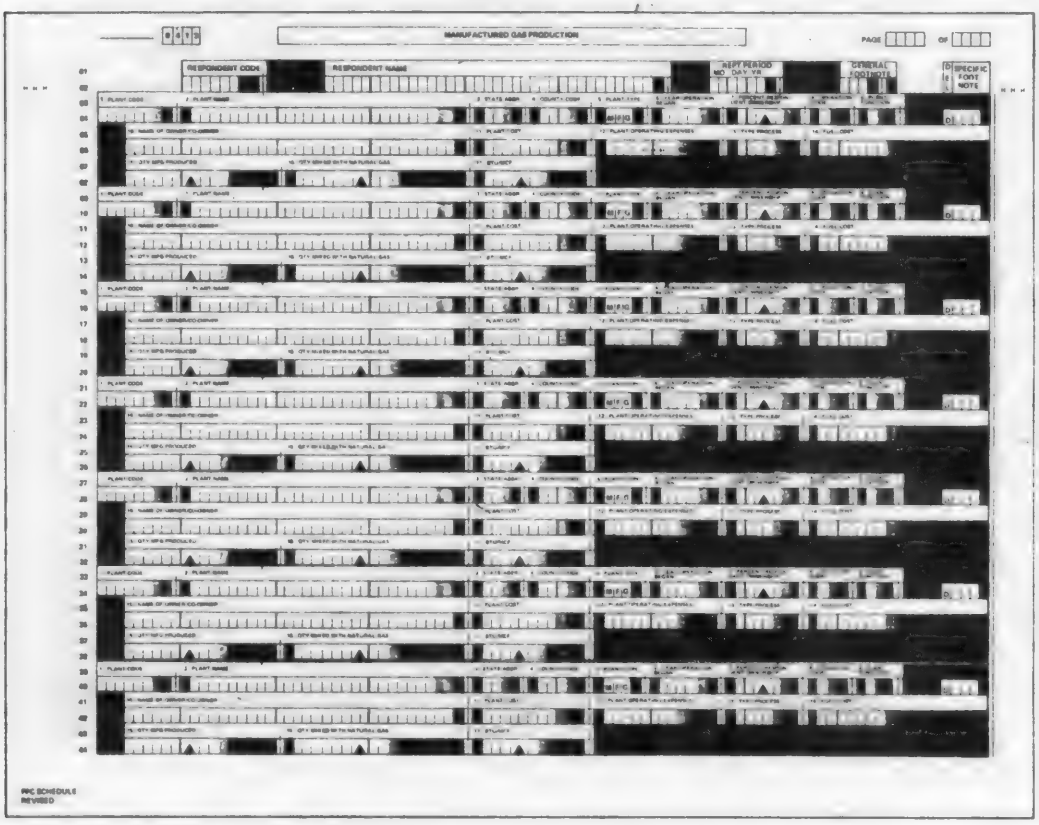
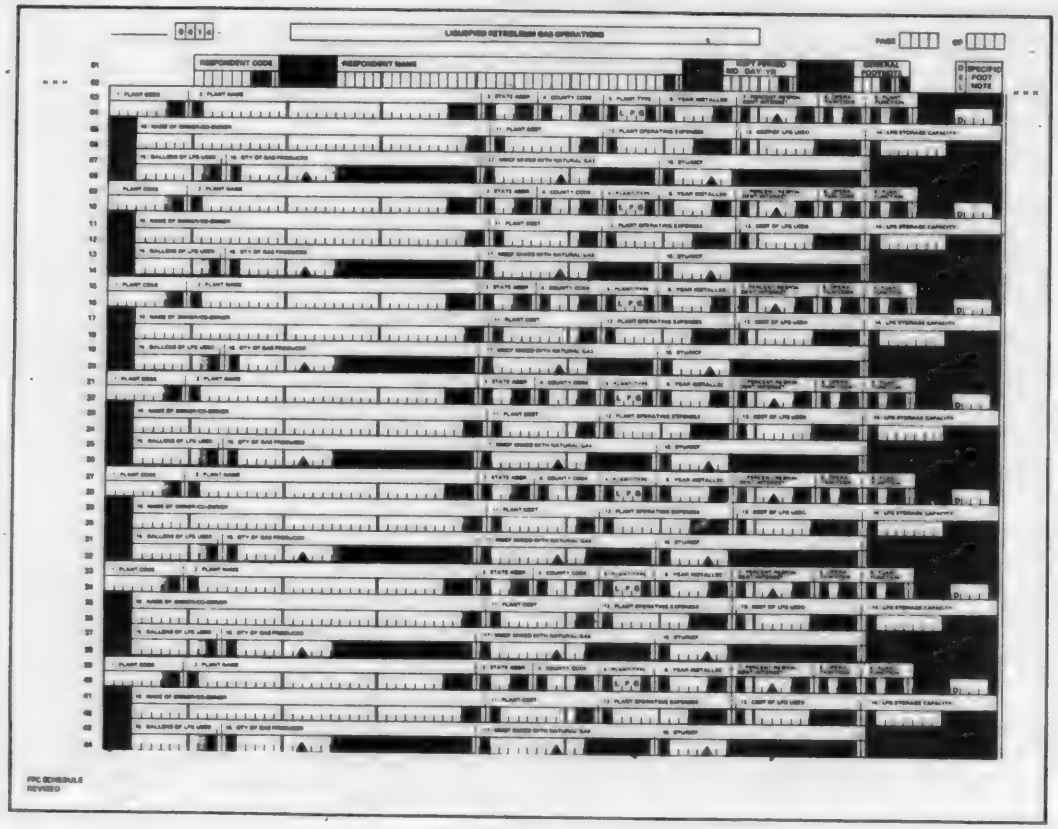
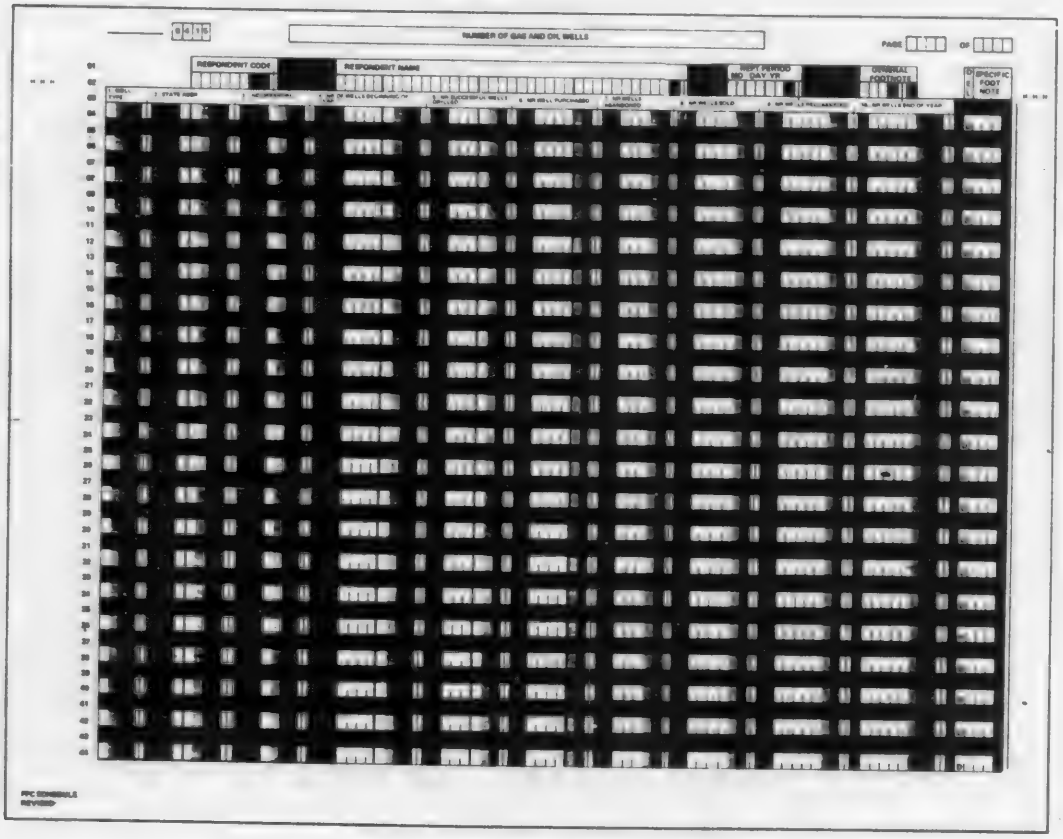
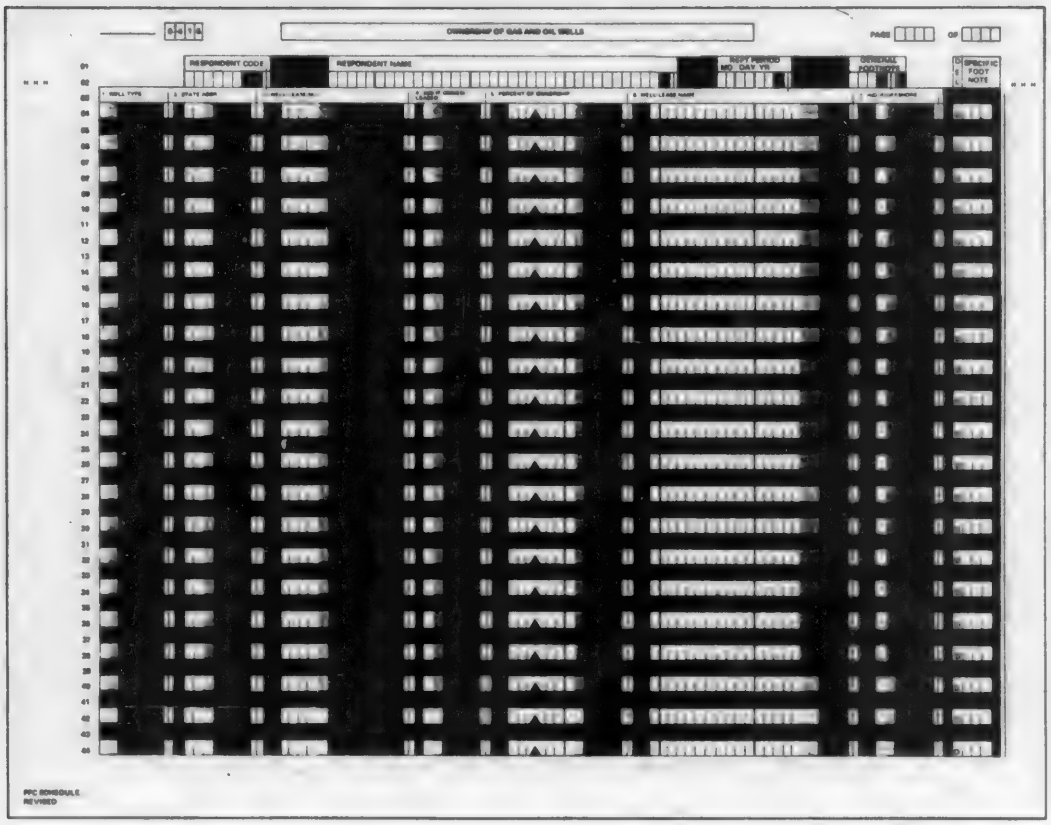



LIQUIFIED PETROLEUM GAS OPERATIONS
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
PLANT CODE
PLANT NAME
STATE ABBR
COUNTY CODE
PLANT TYPE
YEAR INSTALLED
NAME OF OWNER/CO-OWNER
PLANT COST
PLANT OPERATING EXPENSES
COST OF LPG USED
LPG STORAGE CAPACITY
GALLONS OF LPG USED
QTY OF GAS PRODUCED
MMCF MIXED WITH NATURAL GAS
STURDIP
FPC SCHEDULE REVISED


NUMBER OF GAS AND OIL WELLS
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
FPC SCHEDULE REVISED

SAMPLE

SAMPLE



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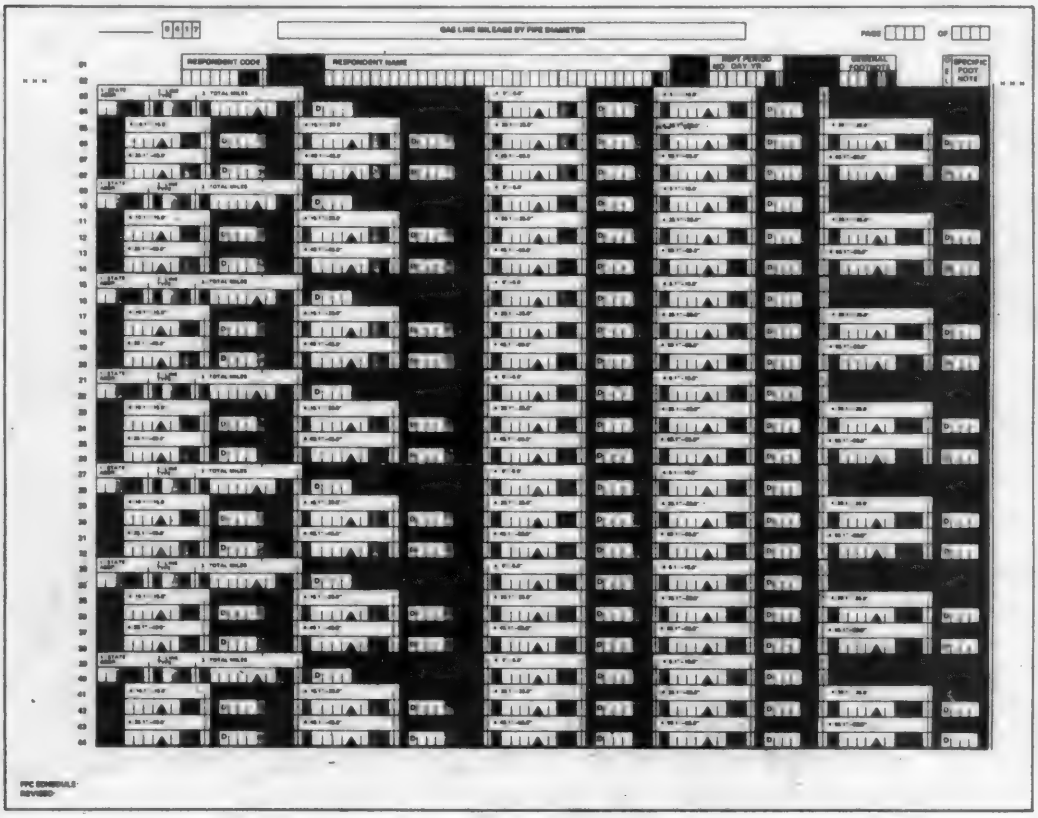
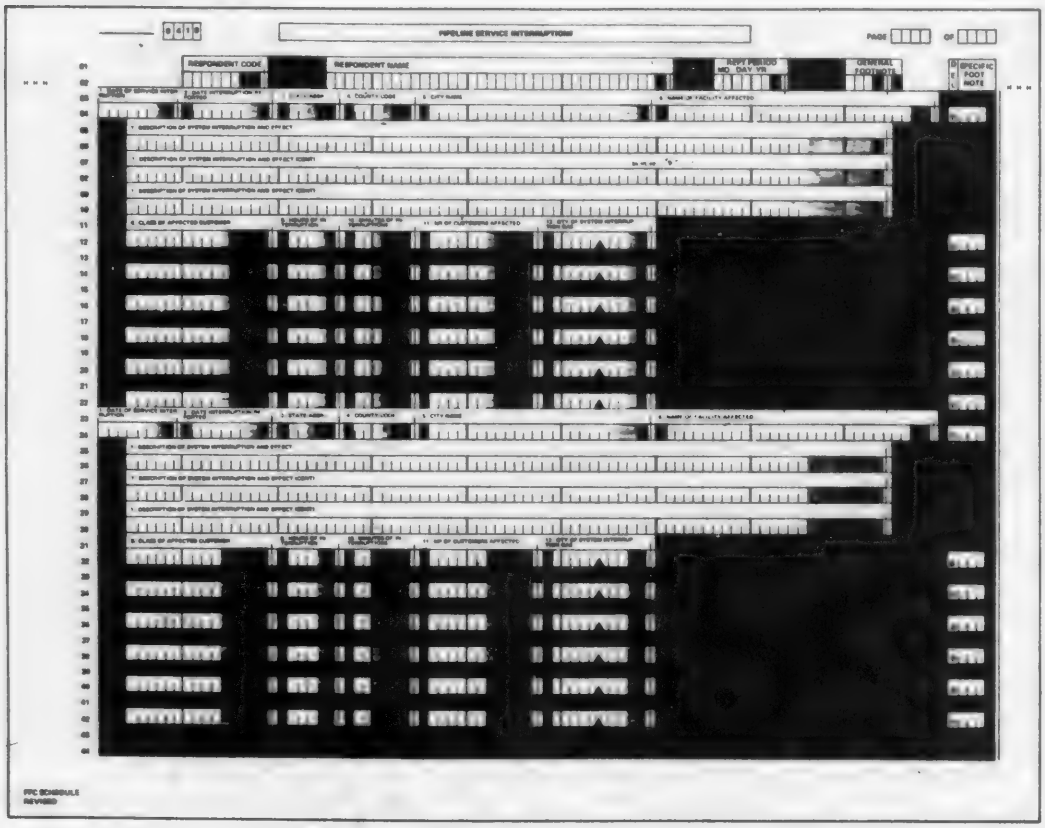


SAMPLE

SAMPLE



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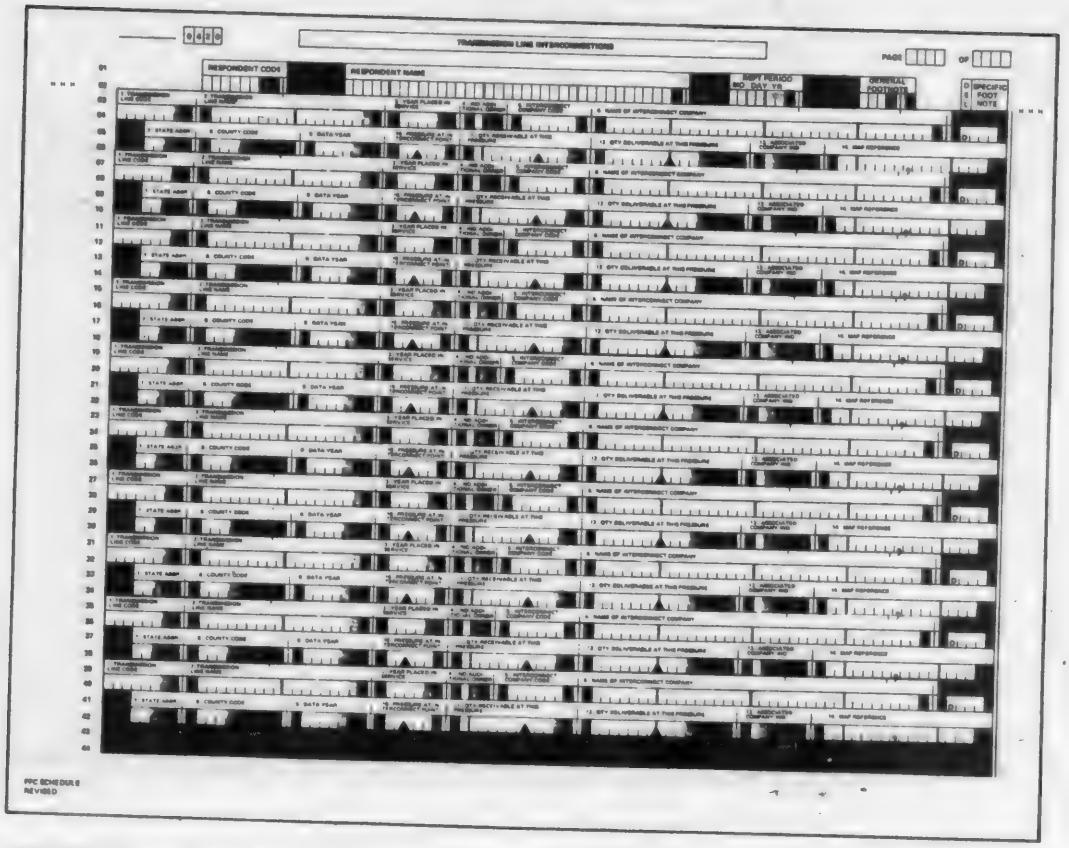

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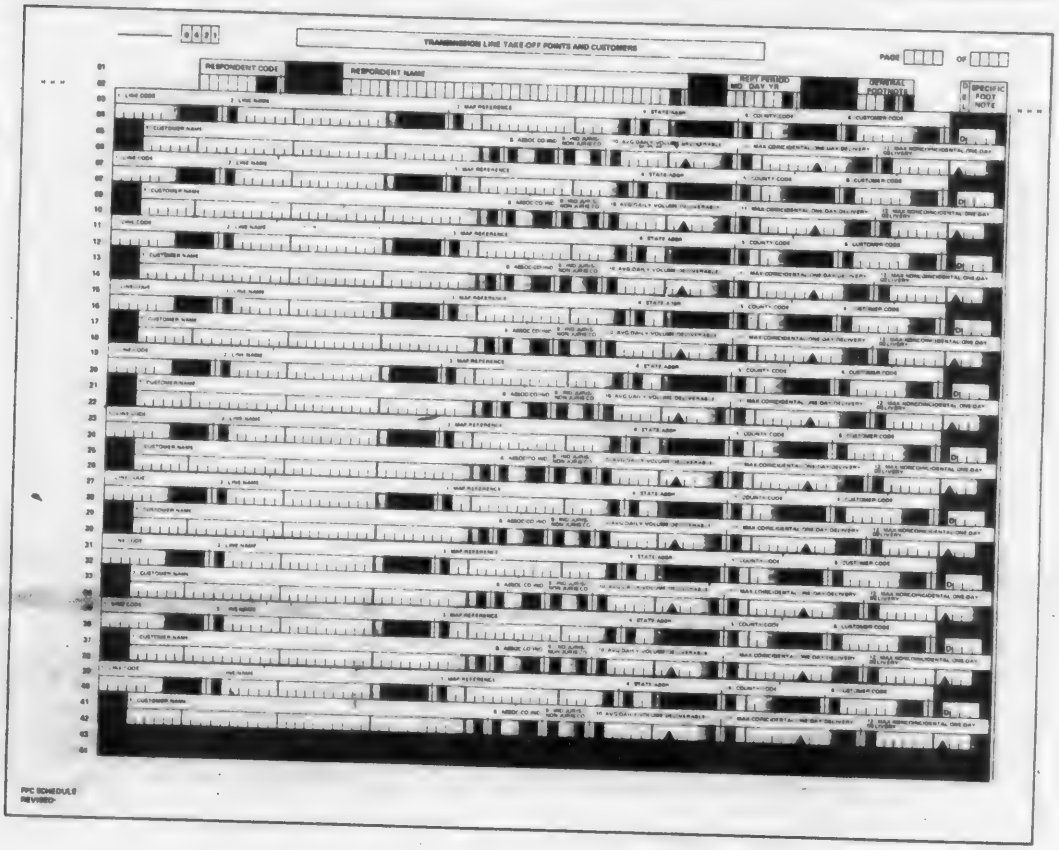


SAMPLE

TRANSMISSION LINE STORAGE FIELD WITHDRAWAL DATA

RESPONDENT CODE | RESPONDENT NAME | REPT PERIOD MO. DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

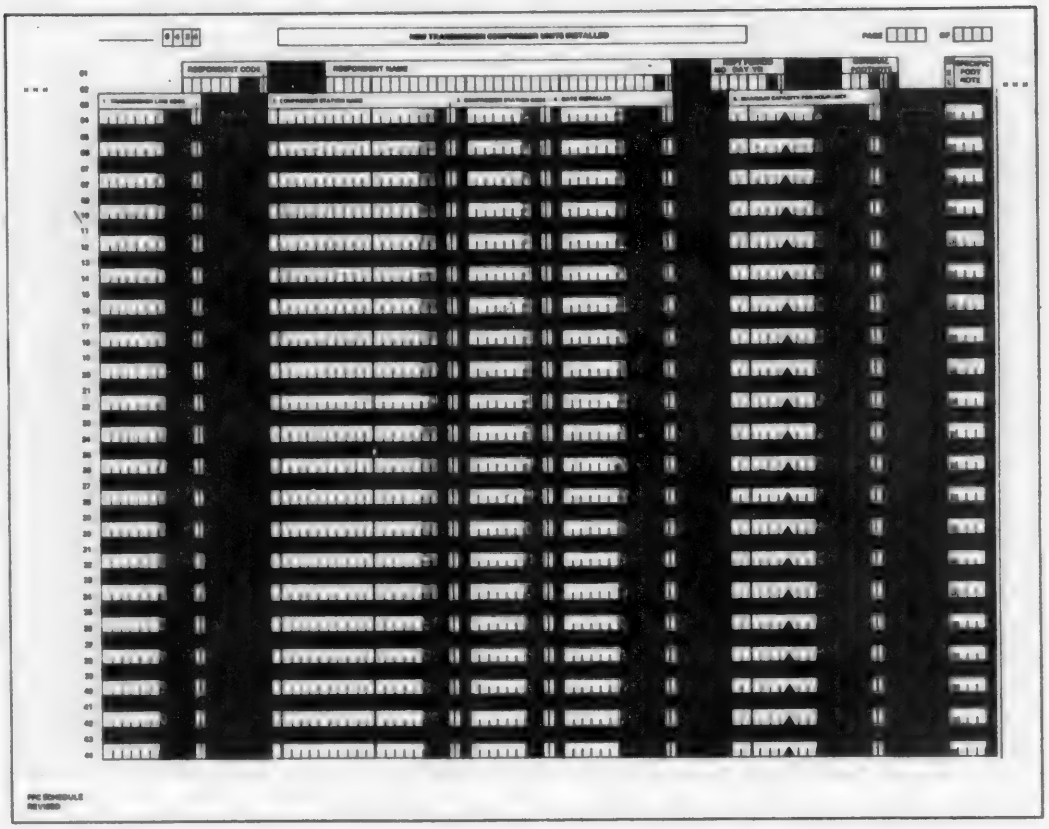
SAMPLE

COMPRESSOR STATION ANNUAL DATA

RESPONDENT CODE | RESPONDENT NAME | REPT PERIOD MO. DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

SAMPLE



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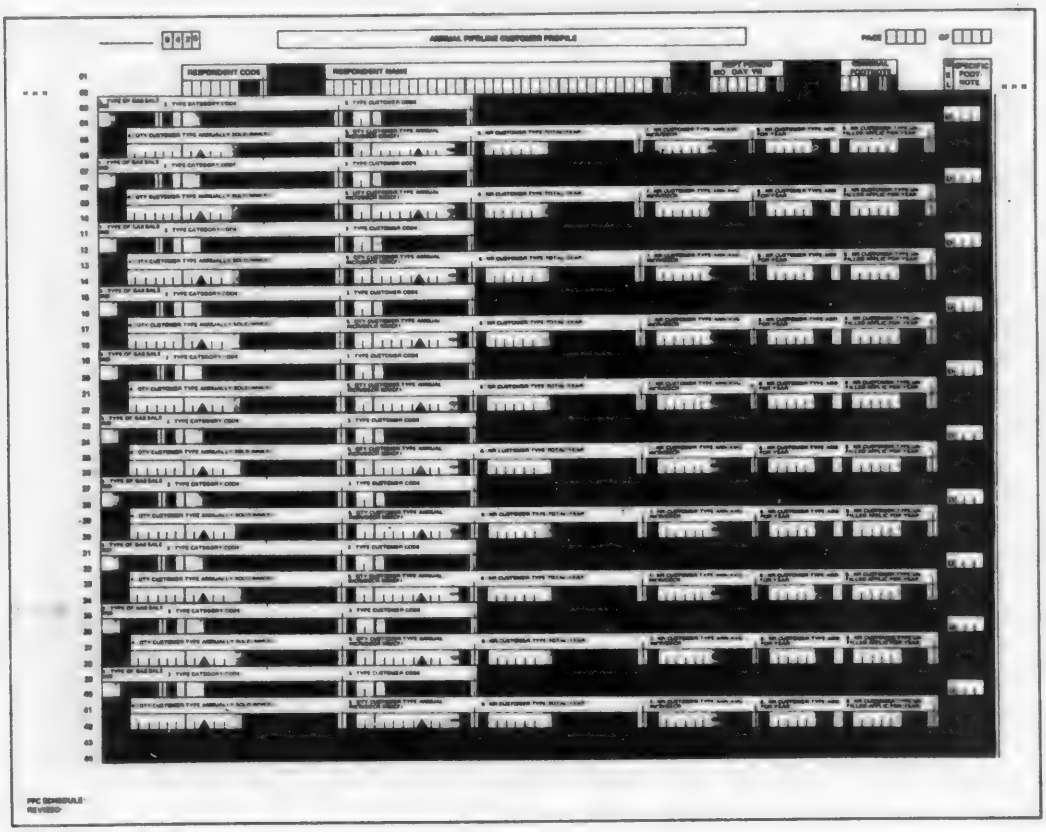
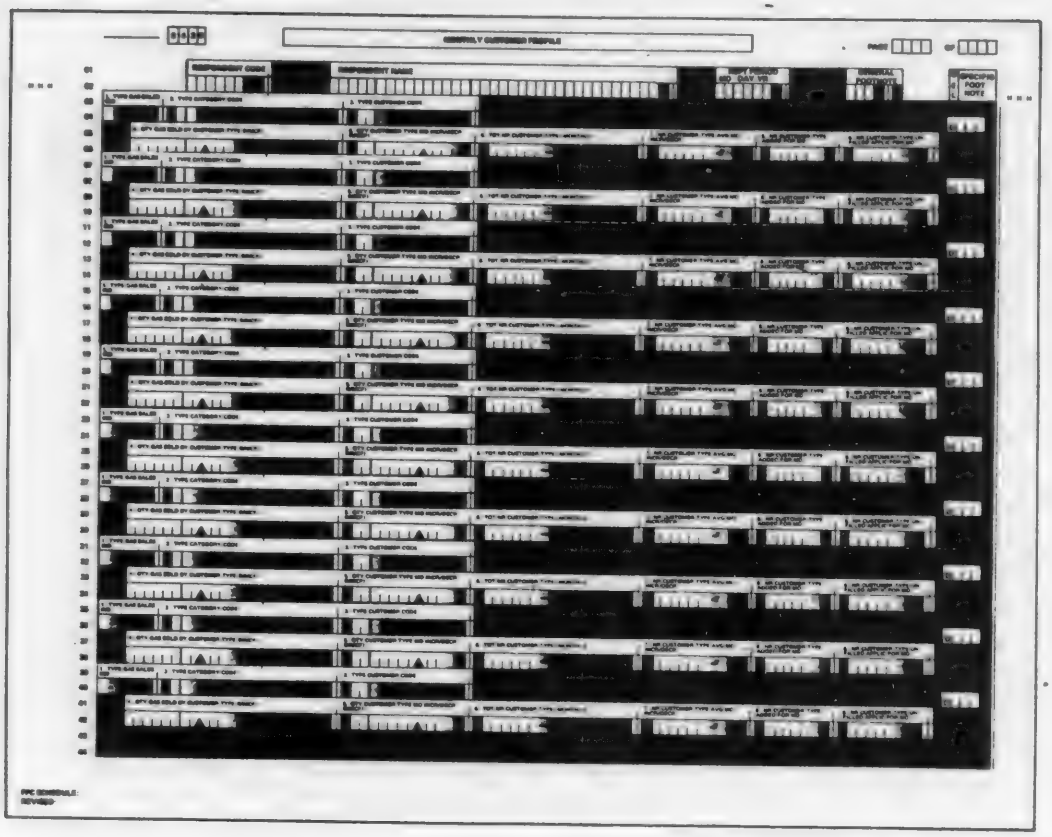
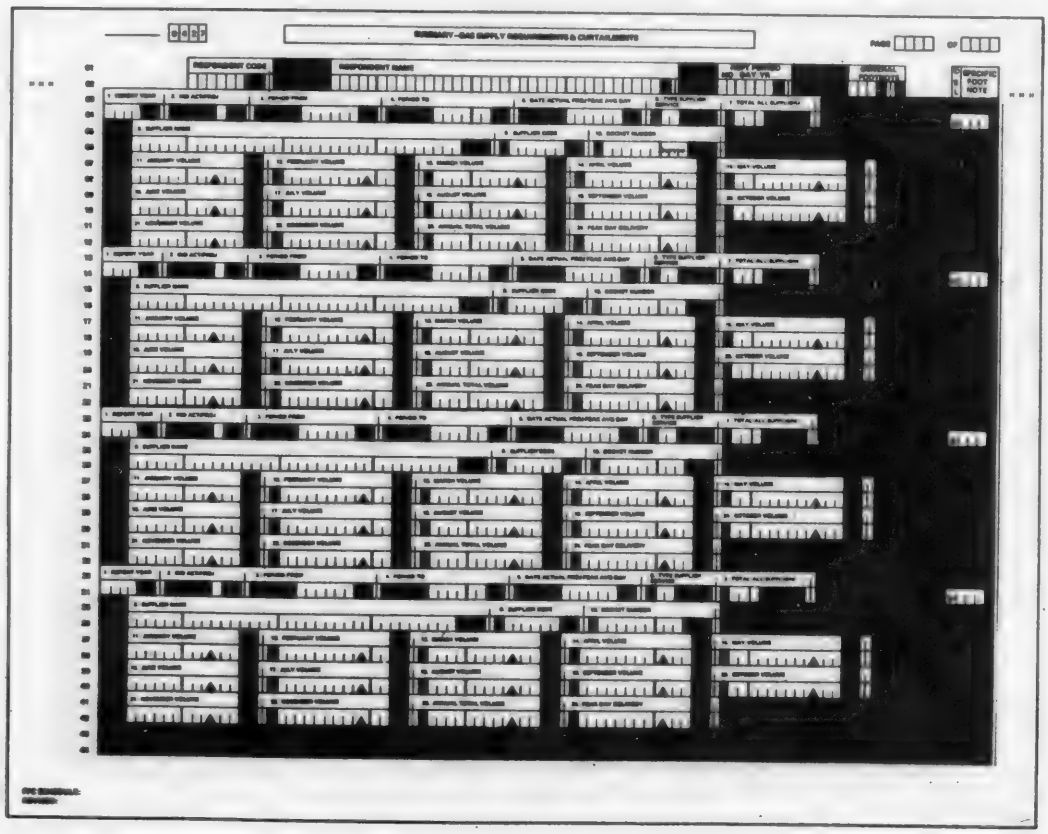






GAS SUPPLY AND REQUIREMENTS (CONTINGENCY)

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

NORMALLY ANTICIPATED LOSS OF SUPPLY (CONTINGENCY)

COMPANY USE AND SHRINKAGE

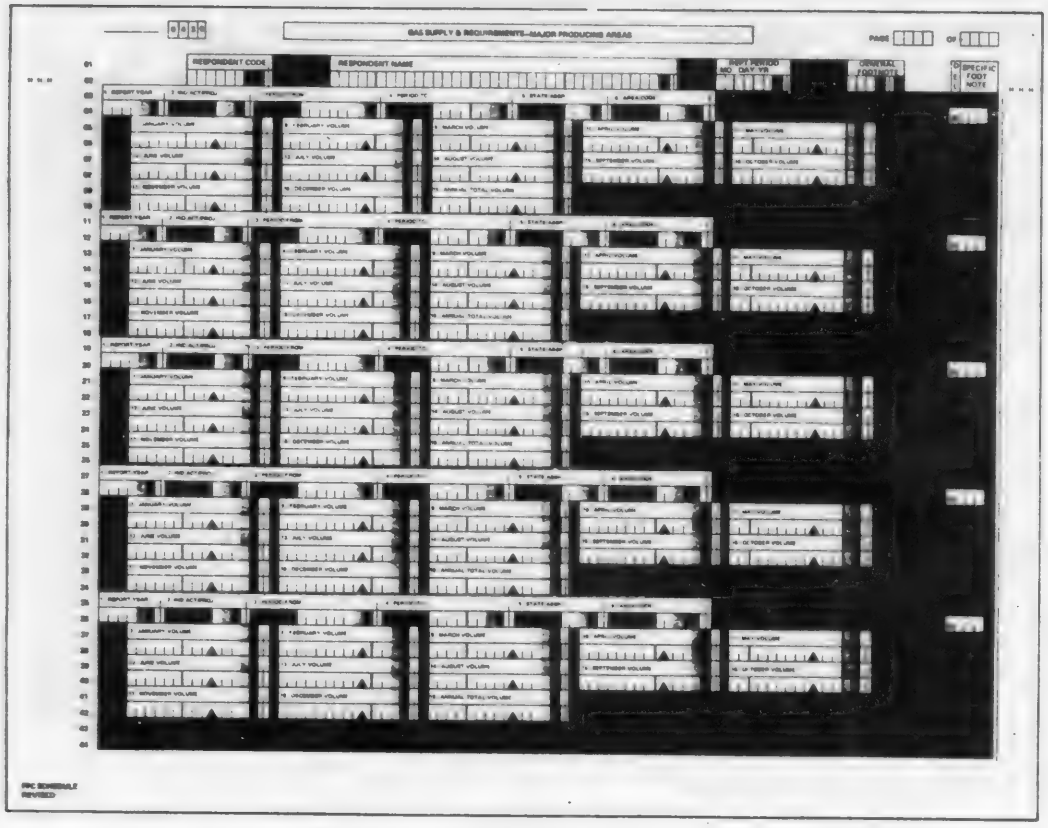
EXCHANGE GAS OWNED

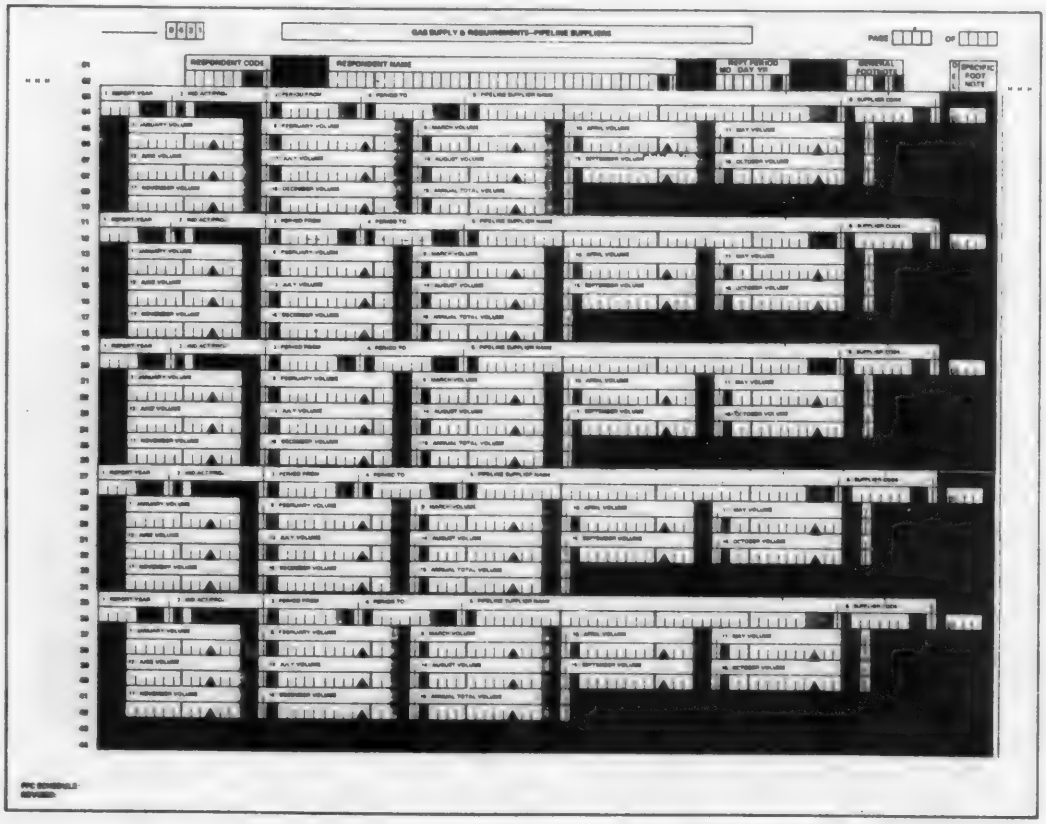
FPC SCHEDULE REVISED

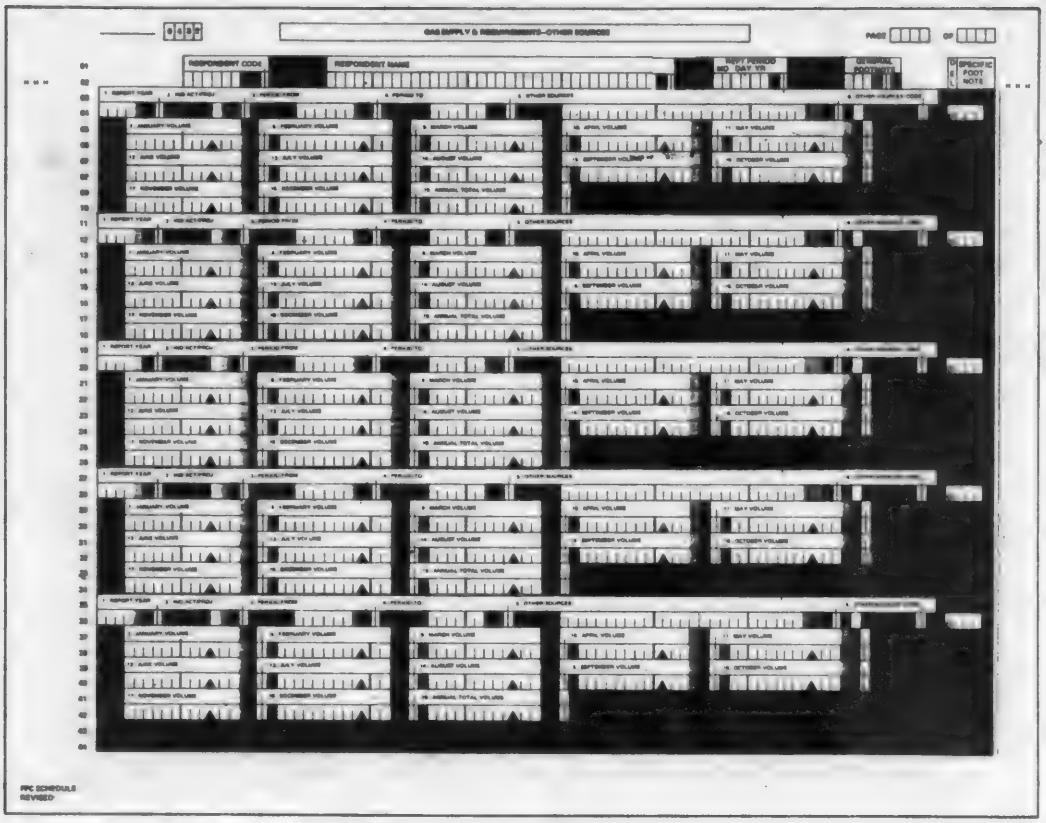
GAS SUPPLY & REQUIREMENTS—DELIVERED—CURTAILMENTS

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED


GAS SUPPLY & REQUIREMENTS—MAJOR PRODUCING AREAS
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
REPORT YEAR
PERIOD FROM
PERIOD TO
STATE ABBR
AREA CODE
JANUARY VOLUME
FEBRUARY VOLUME
MARCH VOLUME
APRIL VOLUME
MAY VOLUME
JUNE VOLUME
JULY VOLUME
AUGUST VOLUME
SEPTEMBER VOLUME
OCTOBER VOLUME
NOVEMBER VOLUME
DECEMBER VOLUME
ANNUAL TOTAL VOLUME


GAS SUPPLY & REQUIREMENTS—PIPELINE SUPPLIERS
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
REPORT YEAR
PERIOD FROM
PERIOD TO
PIPELINE SUPPLIER NAME
SUPPLIER CODE
JANUARY VOLUME
FEBRUARY VOLUME
MARCH VOLUME
APRIL VOLUME
MAY VOLUME
JUNE VOLUME
JULY VOLUME
AUGUST VOLUME
SEPTEMBER VOLUME
OCTOBER VOLUME
NOVEMBER VOLUME
DECEMBER VOLUME
ANNUAL TOTAL VOLUME


GAS SUPPLY & REQUIREMENTS—OTHER SOURCES
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RESPONDENT NAME
RPT PERIOD
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GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
REPORT YEAR
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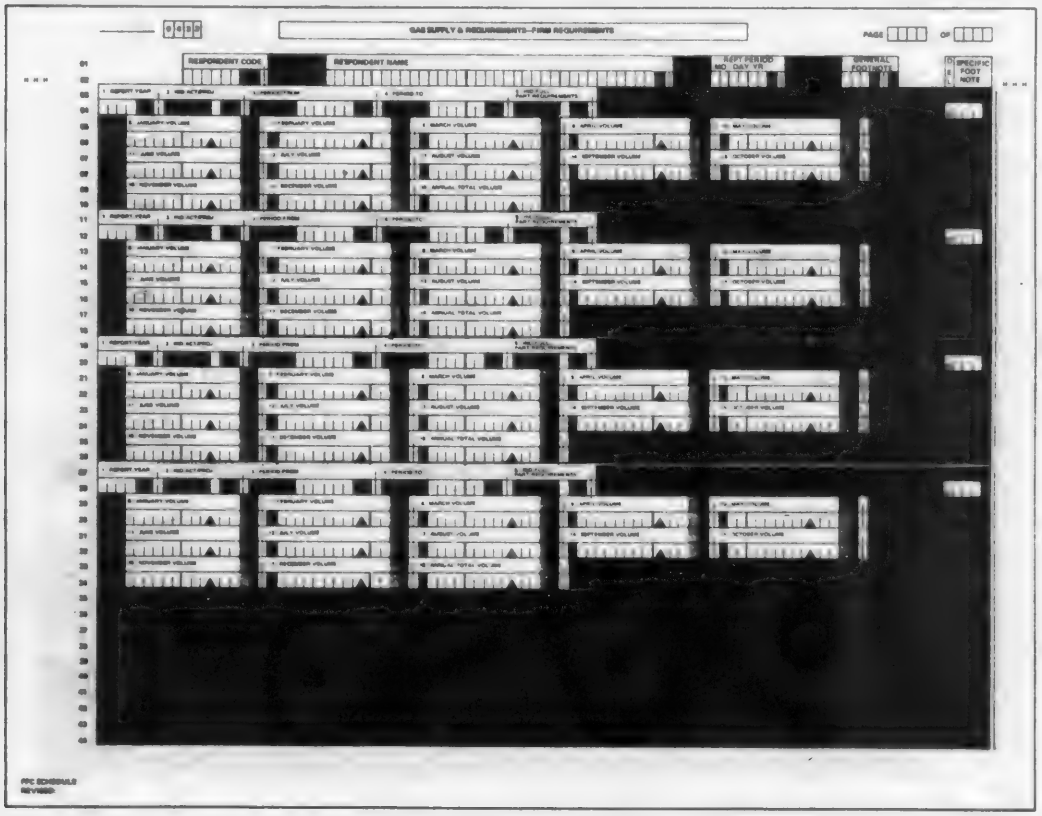
PERIOD FROM
PERIOD TO
OTHER SOURCES
OTHER SOURCES CODE
JANUARY VOLUME
FEBRUARY VOLUME
MARCH VOLUME
APRIL VOLUME
MAY VOLUME
JUNE VOLUME
JULY VOLUME
AUGUST VOLUME
SEPTEMBER VOLUME
OCTOBER VOLUME
NOVEMBER VOLUME
DECEMBER VOLUME
ANNUAL TOTAL VOLUME
FPC SCHEDULE
REVISED


GAS SUPPLY & REQUIREMENTS—FIRM REQUIREMENTS
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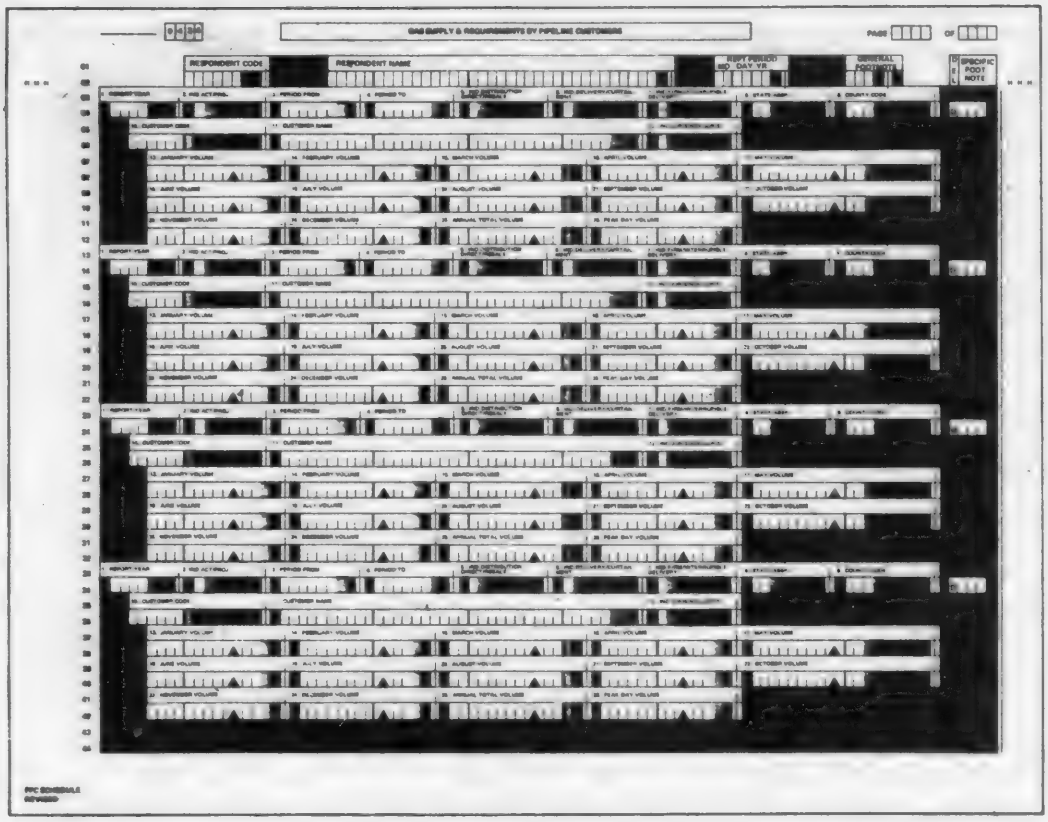
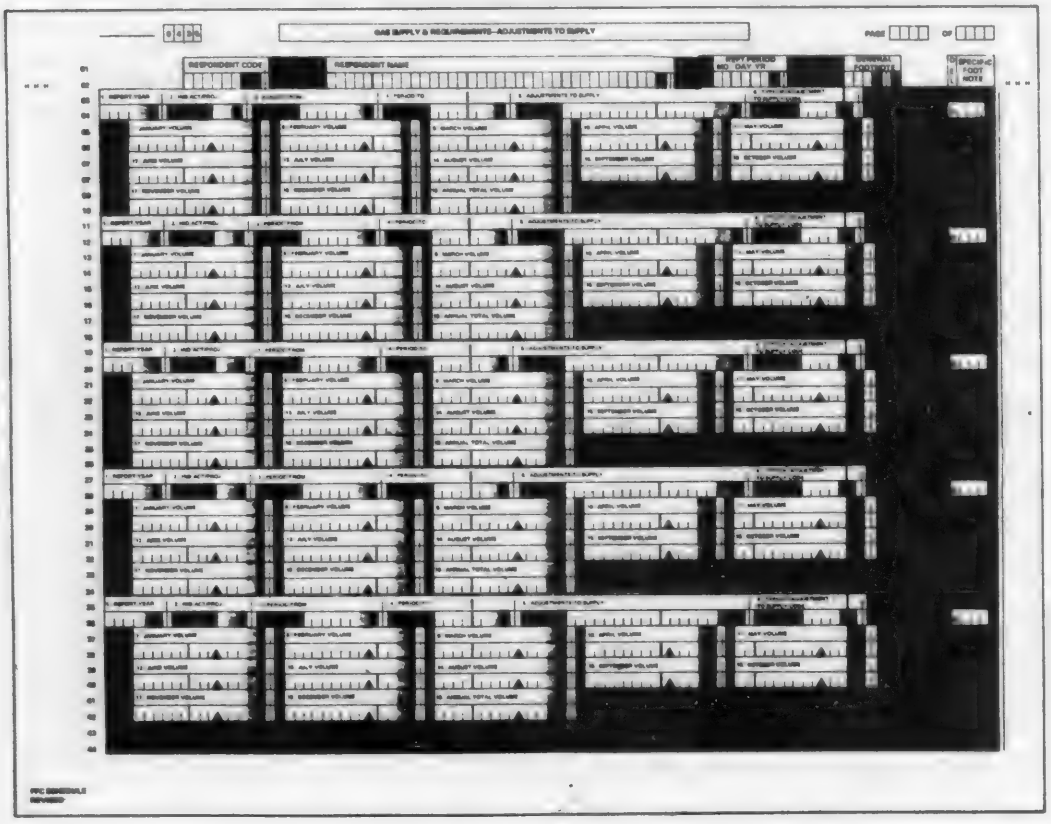
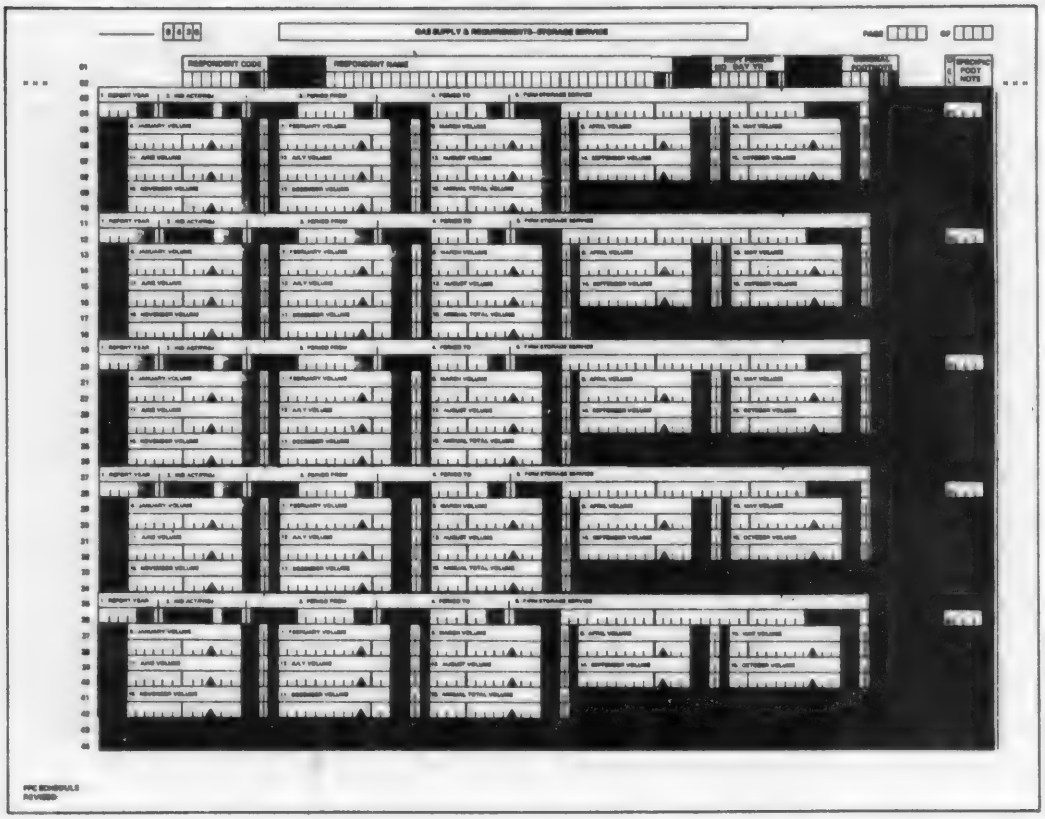
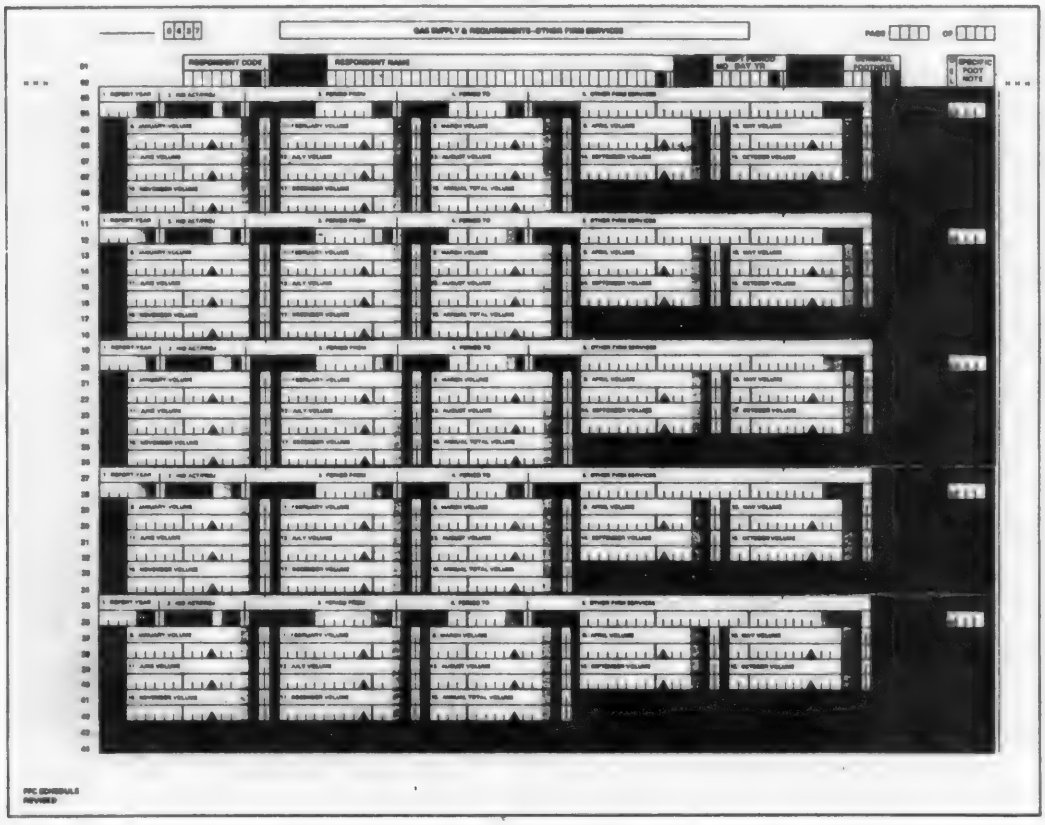
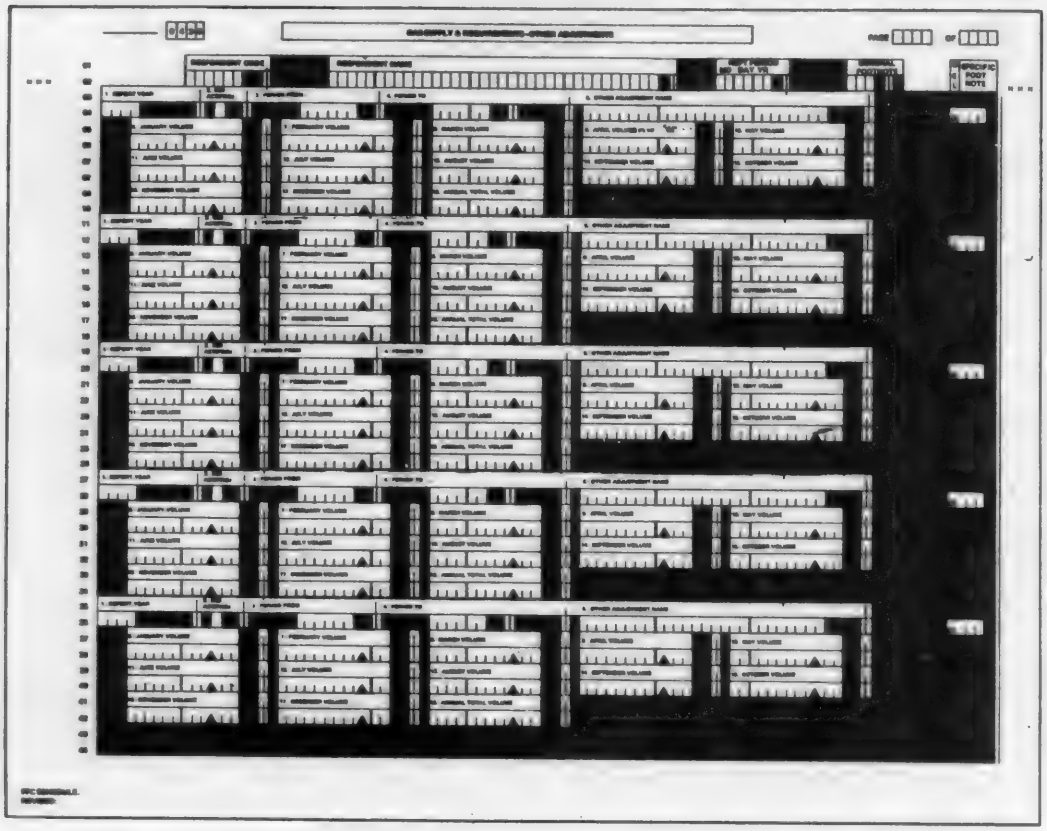
NO. DAY YR.
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
REPORT YEAR
NO. ACT/PROJ
PERIOD FROM
PERIOD TO
JANUARY VOLUME
FEBRUARY VOLUME
MARCH VOLUME
APRIL VOLUME
MAY VOLUME
JUNE VOLUME
JULY VOLUME
AUGUST VOLUME
SEPTEMBER VOLUME
OCTOBER VOLUME
NOVEMBER VOLUME
DECEMBER VOLUME
ANNUAL TOTAL VOLUME
FPC SCHEDULE
REVISED

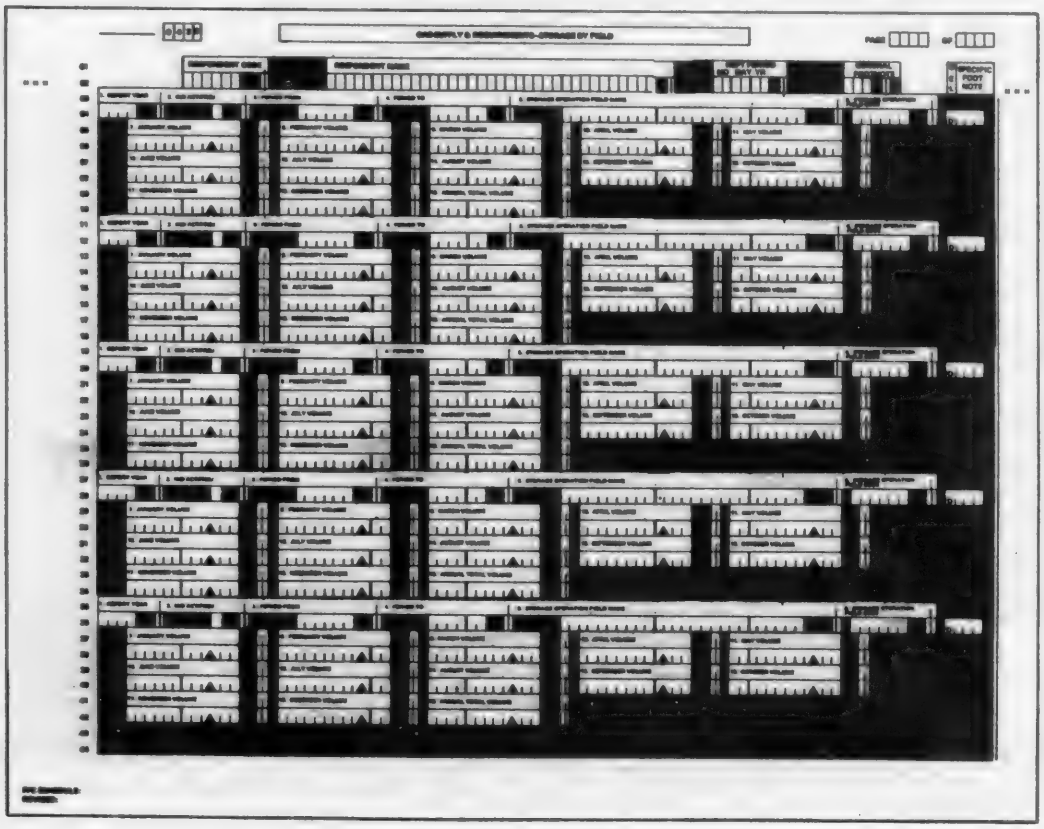

GAS SUPPLY & REQUIREMENTS BY PIPELINE CUSTOMERS
RESPONDENT CODE
RESPONDENT NAME
SPECIFIC FOOT NOTE

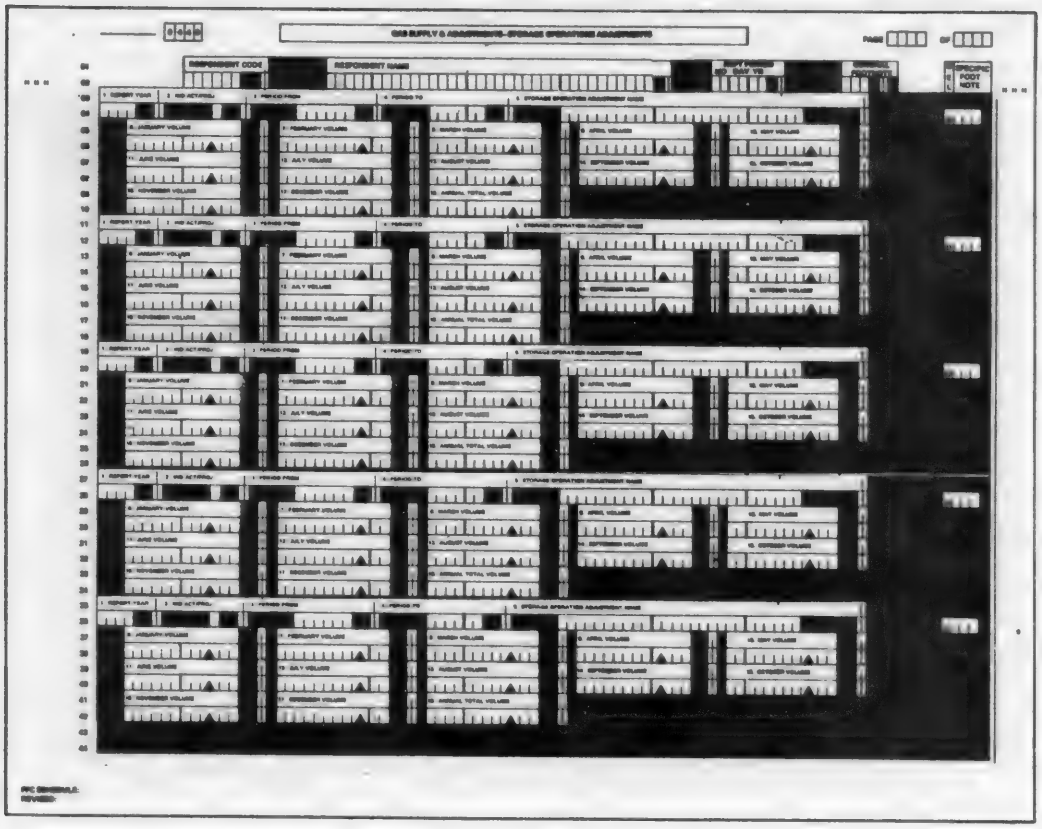

GAS SUPPLY & REQUIREMENTS—ADJUSTMENTS TO SUPPLY
RESPONDENT CODE
RESPONDENT NAME
SPECIFIC FOOT NOTE

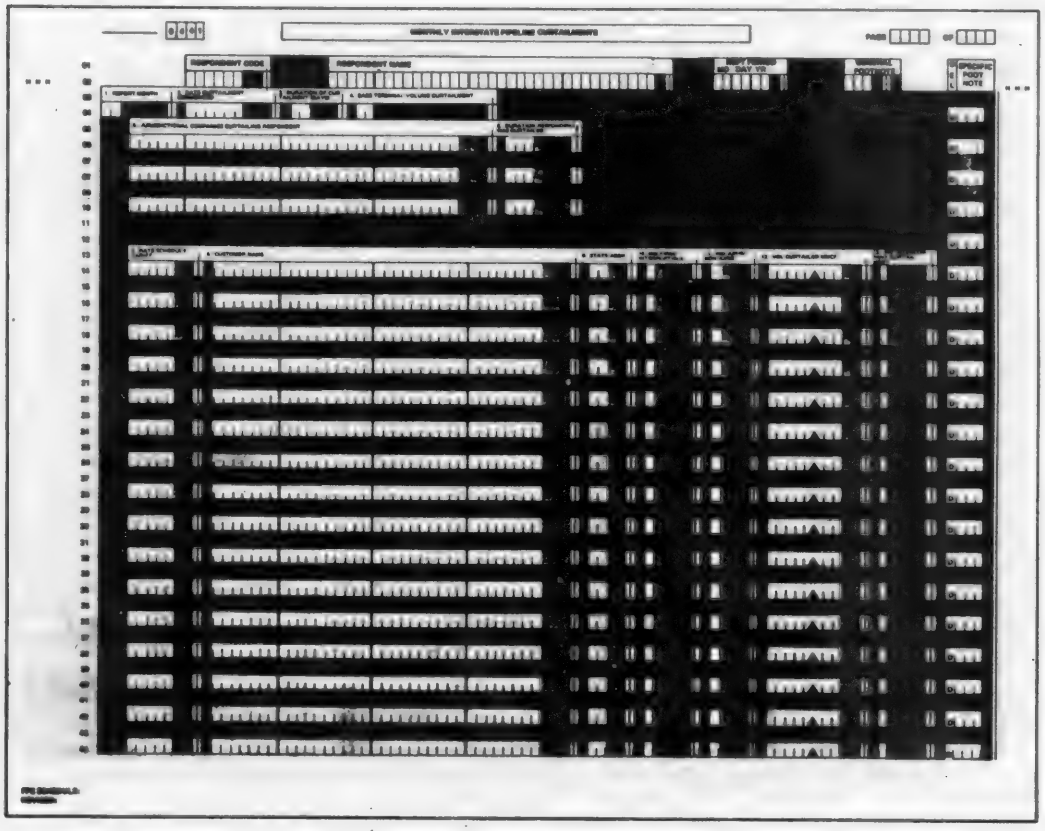


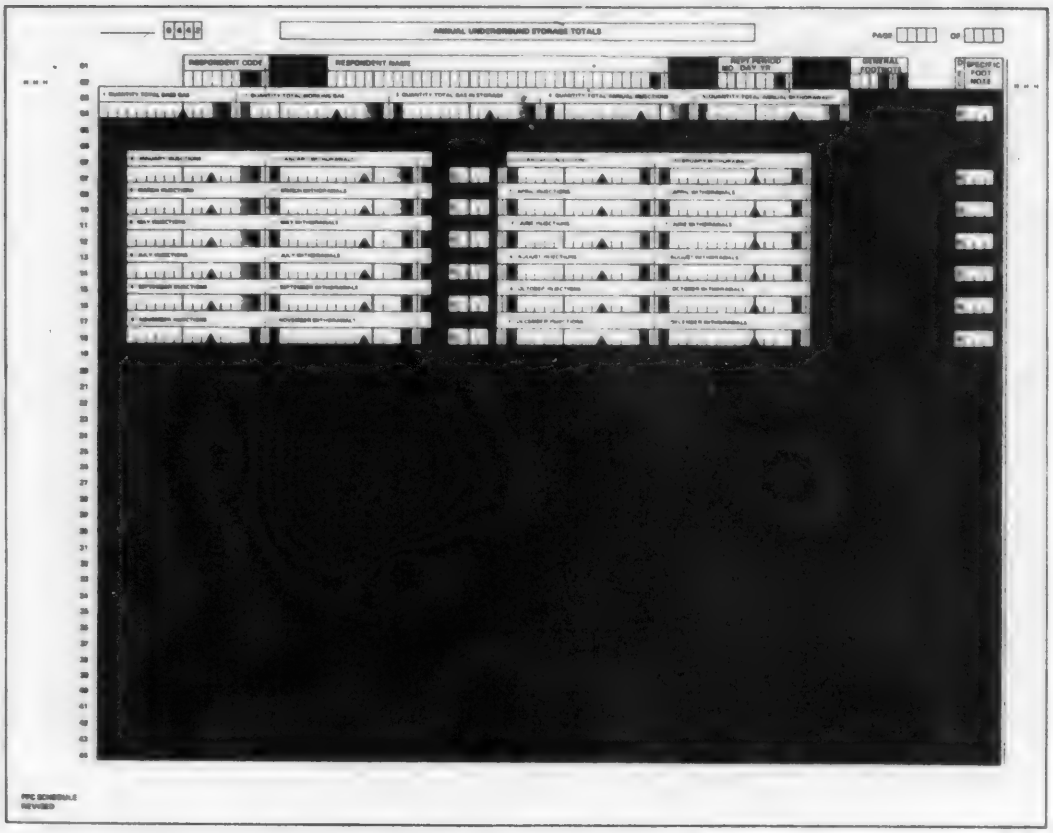


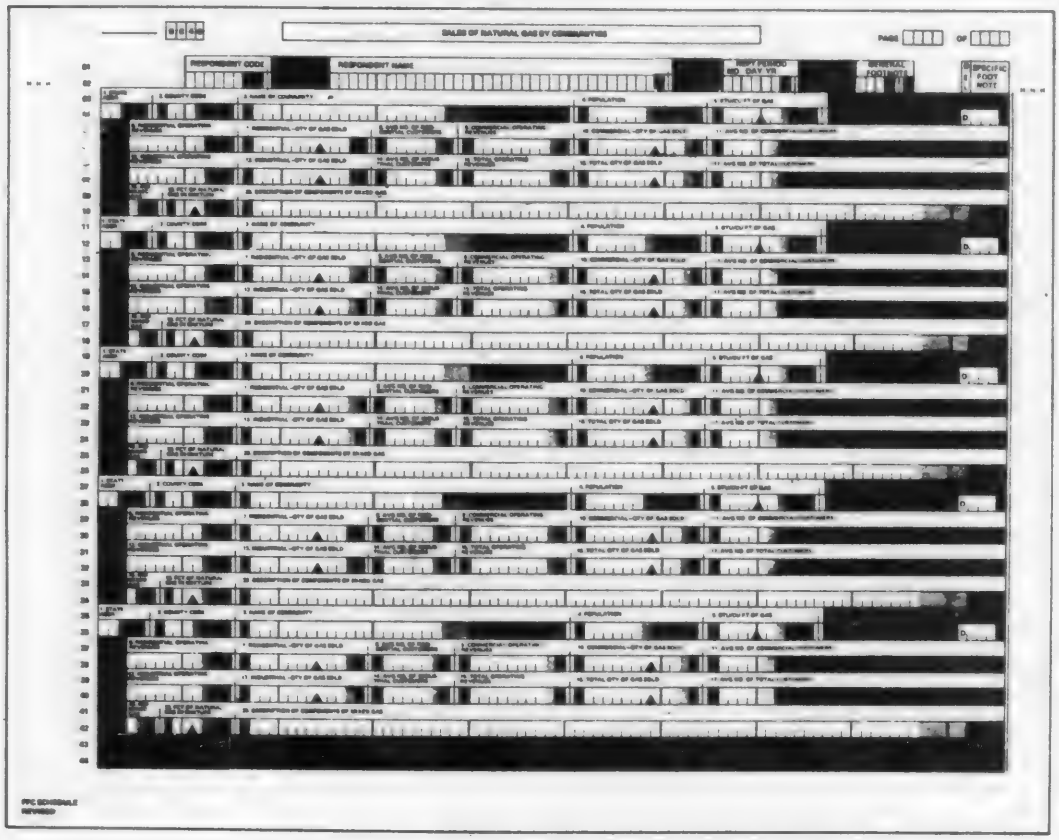









ANNUAL UNDERGROUND STORAGE TOTALS
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
PAGE
OF
FPC SCHEDULE REVISED


SALES OF NATURAL GAS BY COMMUNITIES
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
PAGE
OF
FPC SCHEDULE REVISED

FIELD AND MAIN LINE INDUSTRIAL SALES OF NATURAL GAS

PAGE OF

RESPONDENT CODE | RESPONDENT NAME | REPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

NATURAL GAS SALES FOR RESALE

PAGE OF

RESPONDENT CODE | RESPONDENT NAME | REPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

MULTIPLE POINTS OF DELIVERY FOR SALES FOR RESALE

PAGE OF

RESPONDENT CODE | RESPONDENT NAME | REPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

GAS STORED FOR OTHERS

PAGE OF

RESPONDENT CODE | RESPONDENT NAME | REPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

TAKE-OFF POINTS, SMALL GROUP AND COMMUTATIVE SALES

PAGE OF

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

UNAUTHORIZED OVERRUNS—PENALTIES AND WAIVERS

PAGE OF

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

FPC SCHEDULE REVISED

RESPONDENT CODE
RESPONDENT NAME
REPT PERIOD
MO DAY YR
SPECIFIC FOOT NOTE
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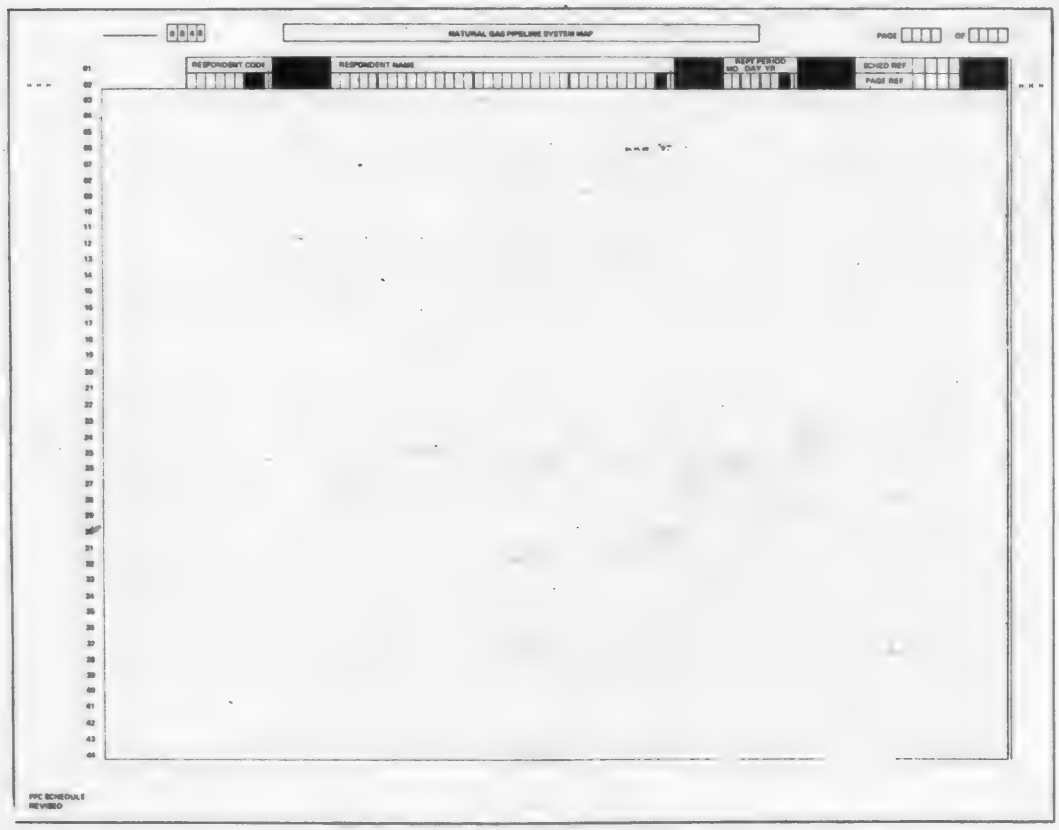
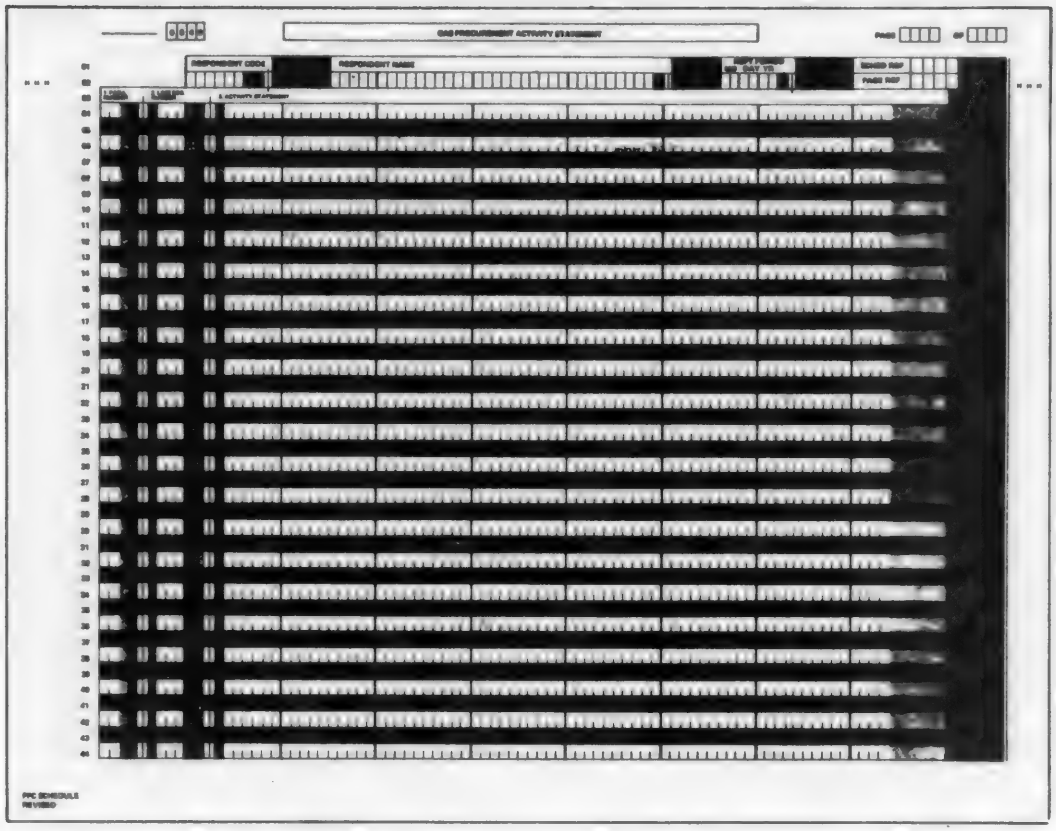
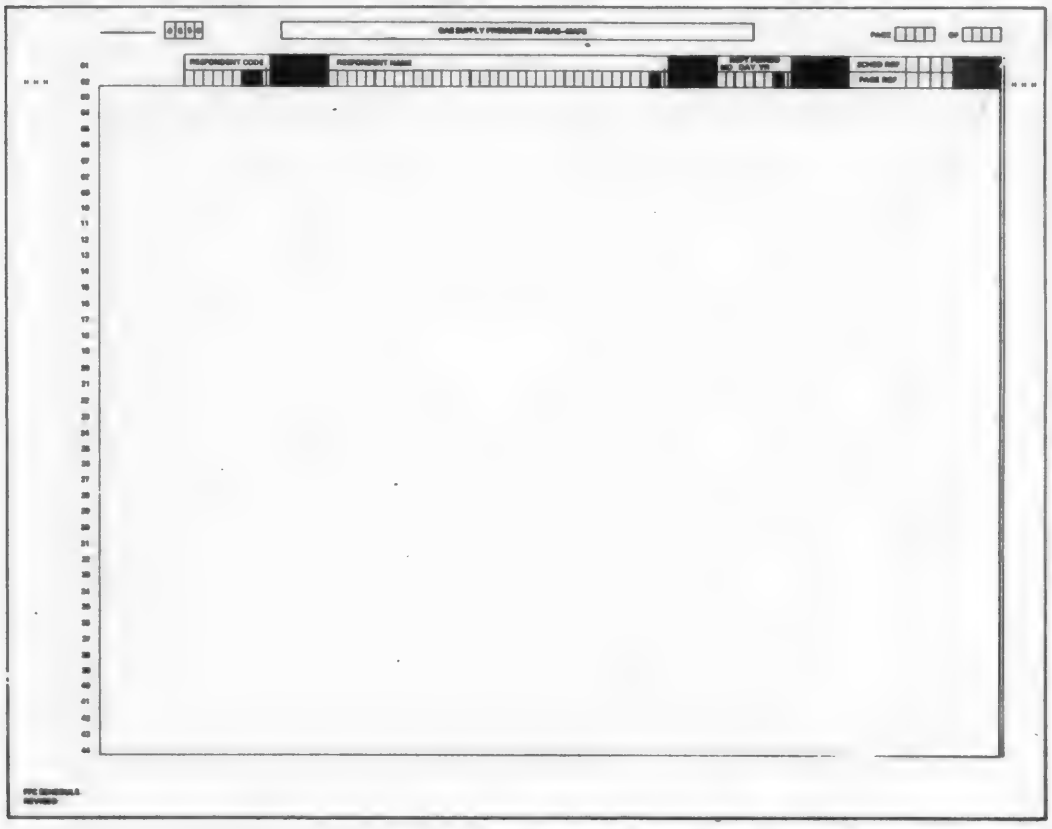
OF
FPC SCHEDULE
REVISED

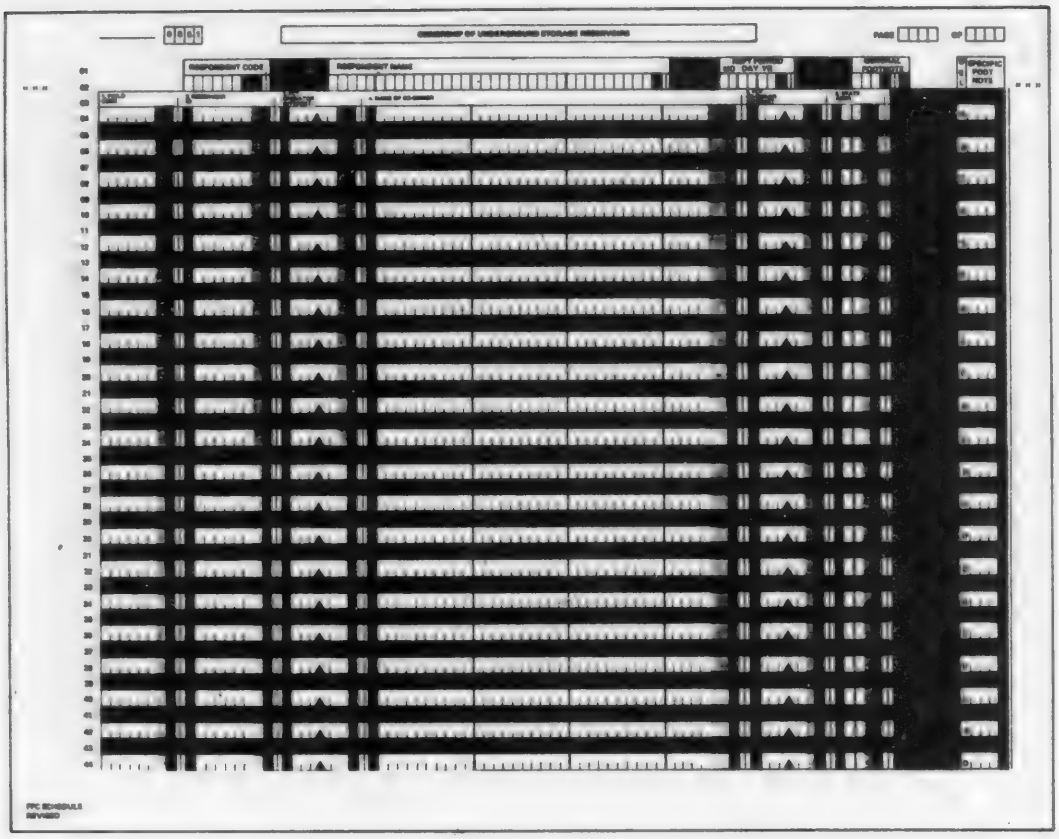

NATURAL GAS PIPELINE SYSTEM MAP
PAGE
OF
RESPONDENT CODE
RESPONDENT NAME
REPT PERIOD
MO DAY YR
SCHED REF
PAGE REF
FPC SCHEDULE
REVISED

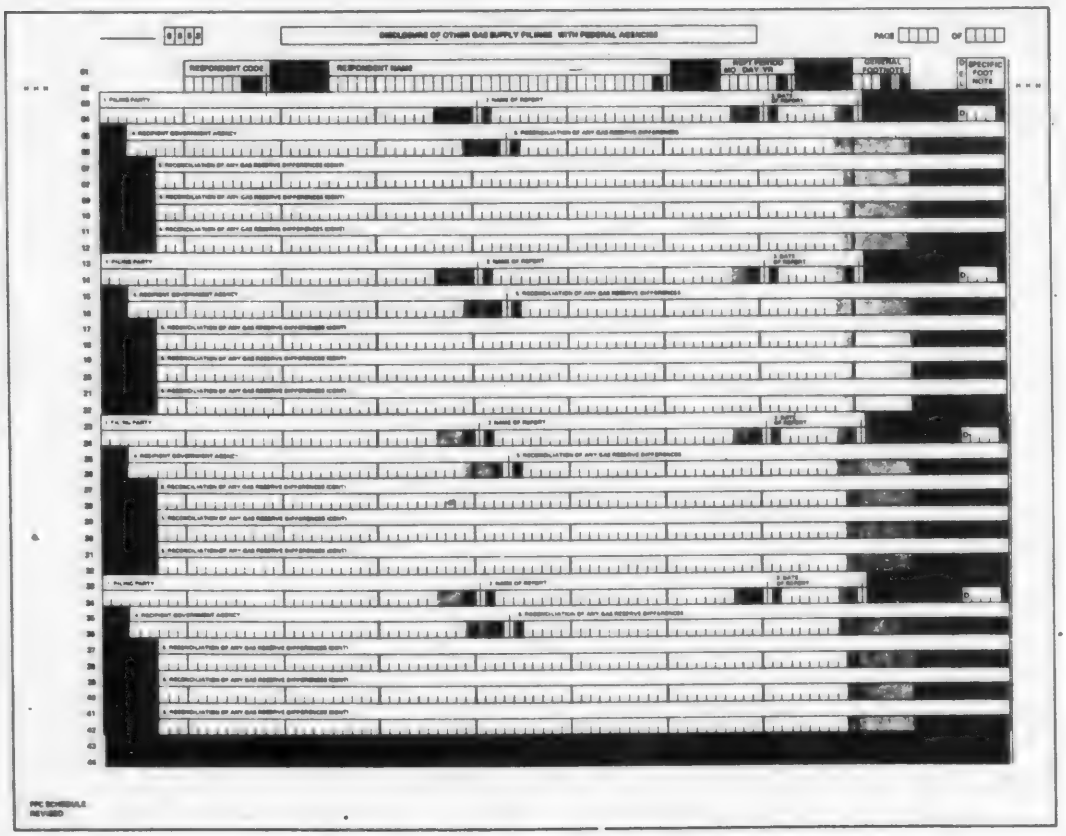
SAMPLE

SAMPLE

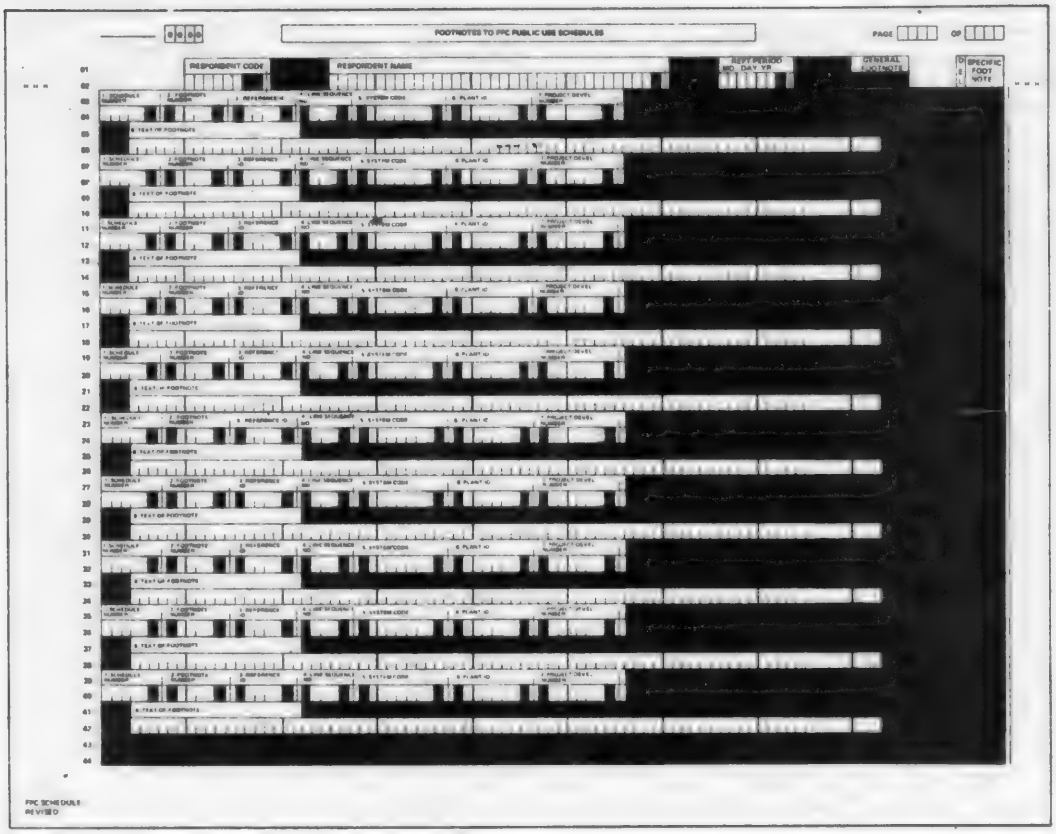


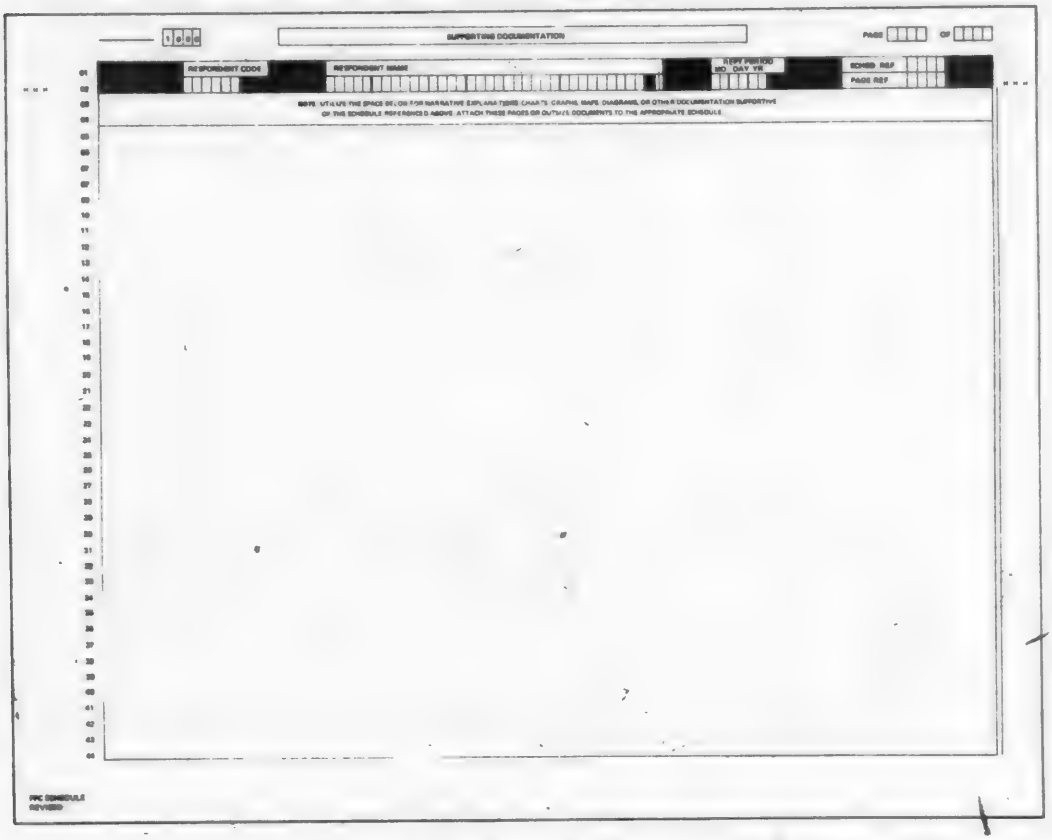






SAMPLE





[FR Doc.76-23055 Filed 8-9-76;8:45 am]

[18 CFR Part 260]

[Docket No. RM76-28]

CORPORATE AND FINANCIAL REPORT FOR CLASS C AND CLASS D NATURAL GAS COMPANIES

Proposed New FPC Form No. 155

JULY 30, 1976.

Notice is hereby given pursuant to the Administrative Procedure Act, 5 U.S.C. 553 and sections 8, 9, 10(a), 14, 15, and 16 of the Natural Gas Act, (52 Stat. 825, 826, 828, 829, 830, 15 U.S.C. 717g, 717h, 717i, 717m, 717n, 717o), that the Commission gives notice it proposes to add § 260.24 to Part 260 of the Approved Forms under the Natural Gas Act to provide that new FPC Form No. 155 be required for reporting. The proposed new form would be entitled "Corporate and Financial Report for Class C and Class D Natural Gas Companies."

During a period of critical natural gas shortages, such as the nation is currently experiencing, the public interest requires that the Commission have available to its current and continuing information on the operations of companies which transport natural gas in interstate commerce. The interests of those companies regulated by the Commission also require an efficient and progressive means of regulation.

On September 26, 1973, in Docket No. R-438, the Commission issued Order No. 494, amending Part 2, Chapter I, Title 18 of the Code of Federal Regulations and setting forth Commission policy for the development of a fully automated computer regulatory system to provide such information. When developed and fully operative, the system will provide prompt and ready access to data contained in a central electronic data bank, eliminating the duplication of information now collected and reducing the quantity of existing manual files. This system will not only facilitate the evaluation and analysis of all data, but it will also accommodate the development of new regulatory techniques.

In Order No. 494, the Commission stated that all existing "hard copy" public use forms would be redesigned and consolidated to eliminate redundancies and that instructions for reporting would be clarified by use of Electronic Data Processing (EDP) Technology. Public use form information, as it is presently submitted, will be replaced by the submission of individual data elements within a general data element and code scheme. It is anticipated that this major system revision will result in the reduction of the total number of data items currently transmitted to the Commission by the respondents.

In Order No. 494, the Commission further stated that the development of the automated computer information system would be effected through the use of phased rulemaking proceedings in which various Commission reporting procedures and report forms would be restructured. To this end, Form No. 155 is designed to incorporate into a readily retrievable data processing system the corporate information and financial data currently submitted on FPC Form No. 2A.[1]

It is proposed that the present Annual Report Form No. 2A would be subdivided into two separate and distinct reporting portions. The corporate information and financial data portion would be embodied in a new report Form No. 155 under a new reporting system, which is discussed further in this rulemaking. The operation data portion would be incorporated under a separate report system and will be the subject of a separate rulemaking.

The general changes which are being proposed to the Commission's reporting requirements for the new report Form No. 155 are as follows:

1. For the most part, the requirements for all beginning of year figures (or end of previous year figures) and all comparison figures (increases/decreases and previous year/month figures) have been eliminated.

2. Duplicative data elements (data elements appearing on more than one schedule) have been eliminated to the extent feasible.

3. The filing requirement for certain information that experiences little change from year to year (often referred to as fixed data) is proposed to be reported completely in the initial submission, with only changed values being reported in subsequent submissions.

In addition to the changes described above, the Commission's filing requirements contained in the proposed Form No. 155 have been arranged, for the purpose of achieving more efficiency in the collection process. Respondents would be asked to utilize newly established account numbers as a supplement to the accounts contained in the Uniform Systems of Accounts for reporting purposes. Respondents would not be required to maintain these new accounts in their books of accounts or in their recordkeeping system.

Specific details of the proposed reporting scheme and related procedures are included as separate attachments to this rulemaking as follows:

Attachment A contains general information about the preparation and submission of public use schedules. Specifically, the attachment covers the administrative background, standard definitions, general procedures for schedule preparation, rules for data preparation, data maintenance activities, and data keying and verification instructions, all known as Level I instructions.

Attachment B contains general subject instructions for corporate and financial schedules. Specifically, the attachment covers general information surrounding corporate and financial schedules, respondent coverage, standard definitions and codes, and general instructions, all known as Level II instructions.

Attachment C contains detailed instructions for each specific schedule to be submitted by the respondent, all known as Level III instructions.

Attachment D is a comparison and cross reference list. This list cross references current reporting requirements with that proposed, at the same time describing additions, deletions, and other pecularities related to the changeover.

Attachments E are data standards.

Attachment F contains a sample of schedules to be submitted by the respondent.

It is anticipated that a one-year period of parallel reporting will be required for system evaluation. Assuming successful operation of the new system within such time period, the present Form No. 2A for these respondents would then be eliminated.

All data and information submitted pursuant to this proposed form would be required to be subscribed and verified by a duly authorized executive officer of the respondent as being factually accurate and complete to the best of his or her knowledge according to the Commission's Rules of Practice and Procedures (18 CFR, Part 1). An original and four copies of each completed Form No. 155 would be required to be sent to the Federal Power Commission.

The Commission is considering the possibility of making available, through the Office of Public Information, copies of the input schedules as received, copies of verified hard copy printouts of the input schedules, and hard copy printouts of certain financial statements in a format similar to pages of the current public use forms.

Any interested person may submit to the Federal Power Commission, 825 North Capitol Street, NE., Washington, D.C. 20426, to be received no later than September 29, 1976, data, views, comments or suggestions in writing concerning all or part of the proposed forms. Written submittals will be placed in the Commission's public files and will be available for public inspection at the Commission's Office of Public Information, Room 1000, 825 North Capitol Street, NE., Washington, D.C. 20426, during regular business hours. The Commission will consider all such written submittals before acting on the matters herein proposed. An original and 14 conformed copies should be filed with the Secretary of the Commission. Submittals to the Commission should indicate the name, title, mailing address and telephone number of the person to whom communications concerning the proposal should be addressed, and whether the person filing them requests a conference with the staff of the Federal Power Commission to discuss the proposed form. The staff, in its discretion, may grant or deny written requests for conference prior or subsequent to the filing of formal submittals.

In order to expedite and assist the Commission in its review and analysis of the comments it receives, all such submittals are to be presented according to response codes. Each segment of a respondent's comments is to be headed by one of the following response code numbers.

[1] 18 CFR 3.170(a) (13) and 260.2 (1975).

Response Code:

A. Compliance burden:

01 1. Costs of implementing proposed program.
02 2. Time frame expected.
03 3. Cost—manhours aspect.

B. Comments with respect to the following considerations:

04 1. Hardware.
05 2. Software.
06 3. Schedule design or layouts.
07 4. Media.
08 5. Preparation difficulties.
09 6. Certification.
10 7. Other.

C. Specific schedule comments:

11 1. Field size.
12 2. Field title.
13 3. Addition of a field.
14 4. Deletion of a field.
15 5. Addition of data elements.
16 6 Data standards.
17 7. Deletion of data elements.
18 8. Clarity of presentation.
19 9. Instruction narrative.
20 10. Combine schedules with other(s).
21 11. Add or delete schedule.

22 D. Duplicate reporting plan.
23 E. Acceptability for Federal and State use.
24 F. Acceptability for general public use.

G. General reaction:

25 1. Support the principles and purposes of the proposal.
26 2. No objections to principles and purposes of the proposals, but offering suggestions regarding implementation.
27 3. Oppose and disagree with the principle and purposes.

28 H. Other.

The proposed amendments to Part 260 of the Commission's Approved Forms under the Natural Gas Act would be issued pursuant to the authority granted the Federal Power Commission by the Natural Gas Act, as amended, particularly sections 8, 9, 10(a), 14, 15, and 16 (52 Stat. 825, 826, 828, 829, 830; 15 U.S.C. 717g, 717h, 717i, 717m, 717n, 717o).

Effective for the reporting year 1976, the Commission proposes to amend Part 260, Statements and Reports (Schedules), in Subchapter G—Approved Forms, Natural Gas Act, Chapter I, Title 18 of the Code of Federal Regulations by adding a new Section 260.24 prescribing new FPC Form No. 155, Corporate and Financial Report for Class C and Class D Natural Gas Companies, in the form set out in Attachment D hereto. New § 260.24 will read as follows:

§ 260.24 Form No. 155, Corporate and financial report for Class C and Class D natural gas companies.

(a) The form of the report for Class C and Class D natural gas companies, designated herein as FPC Form No. 155, is prescribed for the year 1976 and thereafter.

(b) Each natural gas company, as defined in the Natural Gas Act (52 Stat. 821) which is included in Class A or Class B as defined in the Commission's Uniform System of Accounts Prescribed for Natural Gas Companies Subject to the Provisions of the Natural Gas Act, shall prepare and file with the Commission for the year beginning January 1, 1976, or subsequently during the calendar year 1976 if its established fiscal year is other than the calendar year, and for each year thereafter, on or before the last day of the third month following the close of the calendar year or other established fiscal year, an original and such number of conformed copies of the above-designated FPC Form No. 155 as are indicated in the General Instruction set out in that form, all properly filled out and verified. The report shall be submitted in the original with four copies. An additional copy of said report will be retained by the respondent in its files.

(c) The report contains the following schedules:

General Corporate Information
Control Over Respondent
Corporations Controlled by Respondent
Corporate Officers/Directors
Security Holders and Voting Powers—Total
Security Holders and Voting Power
Notes to Security Holders and Voting Power
Annual Notes to Financial Data
Lists of Accounts
Capital Stock
Long Term Debt
Investment Tax Credits
Plant in Service or All Utility Plants
Operating Revenues
Detailed Account Data—Parts I through III
Gas Purchases
Gas Account Natural Gas
Accumulated Provisions for Depreciations, Depletion and Amortization of Utility Plant

The Secretary shall cause prompt publication of this notice to be made in the FEDERAL REGISTER.

By direction of the Commission.

KENNETH F. PLUMB,
Secretary.

Attachment A

FEDERAL POWER COMMISSION

Corporate and Financial Reports for Class C and Class D
Natural Gas Companies

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	

LEVEL I

GENERAL INSTRUCTIONS

FOR THE

PREPARATION AND SUBMISSION

OF PUBLIC USE SCHEDULES

FPC Form 131
(5-76)

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(3-76)

I. ADMINISTRATIVE BACKGROUND

The Federal Power Commission (FPC) has established an information system designed to improve the decision-making capabilities of the Commission. This program, the Regulatory Information System (RIS), was authorized by Commission Order 494, September 26, 1973, and features the following characteristics and capabilities:

- A consolidated data collection system designed to eliminate unnecessary or redundant reporting and to provide standardized data collection schedules.
- A comprehensive system for transmitting, processing, and accessing data requested of respondents by the Commission.
- Establishment of a modern computer facility at Commission headquarters featuring consolidated regulatory data bases and the associated automatic data processing (ADP) equipment and programming software necessary to store, validate, and access that data.

These instructions are intended to aid each respondent to understand the scope and objectives of the RIS system regarding source data collection and to provide clear and concise guidance for the completion of the revised public use schedules.

A. DATA COLLECTION CONCEPTS

The FPC public use schedules are designed to be vehicles for data collection, rather than for data display, by the Commission. This objective has guided the design of the layouts and instructions so as to achieve maximum efficiency in both data collection and subsequent processing. Within this basic design philosophy, the public use schedule data collection concept embodies the following design characteristics, some of which are described in greater detail in the subsequent chapters.

1. Optical Character Recognition (OCR) - All schedules have been designed with OCR requirements as one of the design constraints. This will allow for transition to optical scanning as a future alternative for data entry.

2. Separation of Instructions - All instructions are separated from the schedules to which they apply, in order to make efficient use of form space. Instructions consist of three separate levels, as follows:

- Level I - General (applicable to all schedules).
- Level II - General subject (applicable to natural gas operations, electric operations, or financial data).
- Level III - Detailed (applicable to individual schedules).

3. Separation of Footnotes - Footnotes or other extraneous marks or comments intended to qualify or modify data must not be entered directly on any schedule. The public use schedules have been designed to minimize the need for footnotes through the establishment of distinct data elements which represent some data previously reported as footnotes. However where necessary to make the related data more meaningful, footnotes may be entered on a special footnote schedule designed for this purpose. On the primary data schedules, the respondent must enter only a unique footnote reference number to provide a link to the footnote schedule.

4. Reporting Requirements - Reporting frequencies of the new schedules vary from semi-monthly to biennially. For certain schedules, all data must be supplied with each submission. For the other schedules, all data must be supplied with an initial submission, and on subsequent submission of these schedules respondents need report only changes, additions and deletions. These requirements are specifically stated in the Detailed Instructions for each schedule in paragraph B under the heading "II. General Information".

5. Consolidated Schedules - Many of the public use schedules have been designed to consolidate data previously collected on more than one schedule. The consequence of such consolidation is a reduction in the total number of schedules. Furthermore, portions of some schedules may be inapplicable to certain respondents, as specified in the detailed instructions.

B. APPLICABILITY OF INSTRUCTIONS

The Commission will provide to each respondent all three levels of instructions, appropriate to the type of operation. For example, an electric utility will receive:

- Level I - General Instructions
- Level II - General Subject Instructions (Electric Operating Data)
  - General Subject Instructions (Corporate and Financial Data)
- Level III - Detailed Instructions (Electric Operating Schedules)
  - Detailed Instructions (Corporate and Financial Schedules)

Each respondent will also receive footnote schedules (with instructions) and free form (blank) schedules for the submission of narrative or graphic support data that will not be loaded into the Commission's data bases.

As the public use schedules undergo change in future reporting periods through the rulemaking process, modified layouts and instructions will be prepared by the Commission and mailed to the respondents, together with appropriate documentation that describes the authorization and the details of all such changes, additions, or deletions. The Commission will prepare the instructions in a manner suitable for looseleaf binders, so that they can be easily maintained by the respondents.

II. STANDARD DEFINITIONS

The following standard definitions are provided to aid the respondent in understanding the data collection concepts contained in these instructions.

A. RESPONDENT - Each corporation, person, agency, authority, or other legal entity or instrumentality, whether public or private, which is required, under the provisions of the Federal Power Act, the Natural Gas Act, or Commission Order, to submit information to the Federal Power Commission via public use forms. Respondents also include those organizations that voluntarily or upon request, provide data to the Commission.

B. PUBLIC USE SCHEDULE - A collection of functionally related data elements organized and formatted into an arrangement suitable for the collection of data; the instructions for preparation of a schedule are included in this definition.

C. DATA FIELD - Within a record or schedule, a specific area used for representing a particular data value, i.e., the spaces provided for data entry on a schedule.

D. DATA ELEMENT - A basic unit of identifiable and definable information. Data elements identify the data fields within a schedule.

E. DATA ITEM - The expression of a particular value of a data element. In cases where a data element identifies a column or row on a schedule, a data item is a specific entry within the column or row.

F. LOGICAL ENTRY - A collection of related characteristics, defined by data elements, associated with a specific "key" item of information. For example, "name", "address", "date of incorporation", and "total assets" are all attributes of the key item "company", which is identified by a company code. This entire collection of data elements is called a logical entry. Within the public use schedules, logical entries are blocks of data that may be repeated several times on a page.

C. KEY ITEM IDENTIFICATION - A data element that provides a unique reference point for purposes of accessing or retrieving data. Within the public use schedules, the key item(s) uniquely identify groups of related data elements which by definition are logical entries. Normally, key items appear first within a logical entry and must always be completed by the respondent. The Detailed Instructions for each schedule explicitly identify those data elements that are "key".

Other, more specific, definitions of technical and financial data elements are contained in the Level II - General Subject Instructions.

III. GENERAL PROCEDURES FOR SCHEDULE PREPARATION

Many of the public use schedules have been designed so that different types of respondents can use the same basic schedules and instructions for the collection of identical data. For such schedules, the Detailed Instructions explain the unique data preparation requirements applicable to each type of respondent.

A. SCHEDULE SUBMISSION

The Commission will forward annually an appropriate number of copies of each schedule required of the respondent for the given reporting period.

All respondents shall forward the number of copies ordered by the Commission of each public use schedule to the Commission. Respondents submitting schedules on magnetic tape must also submit an attested working copy, appropriately completed, of the supplied schedules from which the tapes were prepared.

The specific report period for each schedule is listed in the General Subject Instructions (Level II) for the natural gas operations, electric operations, or financial data. The reporting period must be entered by the respondent on each schedule. Care must be exercised to ensure that the report period on each schedule (month, day, year) represents the ending date of the period to which the data applies, not the date the schedule was completed.

Prior to forwarding the schedules to the Commission, the respondent must complete Schedule 0100, Index of Public Use Schedules Submitted. A data field-by-data field instruction for Schedule 0100 shall be found in the Level III, Detailed Instructions for this schedule. All schedules should be carefully assembled, packaged, and forwarded to the following address:

Federal Power Commission
825 North Capitol Street, N.E.
Washington, D. C. 20426
Attn: Office of the Secretary

FEDERAL POWER COMMISSION
825 North Capitol Street, N.E.
Washington, D.C. 20426

ATTESTATION UNDER OATH

This report must be attested to under oath by an officer of the company. _____
(Insert here the name of the attester)

being first duly sworn according to law, certifies that he is _____
(Insert here the official legal title of attester)

of _____; that he has full power and authority to make the
(Insert here the exact legal title or name of respondent)

attestation; that he has read this report and is familiar with the contents therein; that to the best of his knowledge, information and belief, all estimates and matters therein set forth are true and correct and the said report is a correct statement of the business and affairs of the above-named respondent in respect to each and every matter set forth therein during the period from and including _____, 19 ___, to and including _____, 19 ___.

_____
(Signature of attester)

Subscribed and sworn to before me

this _____ day of _____, 19 ____.

_____
NOTARY PUBLIC
(SEAL)

FIGURE III-1. NOTIFICATION OF ATTESTATION

B. REPORTING MEDIA

The acceptable media for reporting public use data are magnetic tape with a working copy of the schedules or typed schedules.

Many respondents are capable of preparing the data via magnetic tape and have been directed by the Commission to do so. In addition, the respondent must attach associated attested working copy of the FPC supplied schedules from which the tapes were prepared.

C. SUPPORTING DOCUMENTATION

Additional statements, maps, diagrams, charts or other documentation supportive to the data schedules not otherwise specifically required or provided for should be inserted directly behind the schedules to which they apply. Respondents shall utilize FPC Schedule Number 1000 in all cases except those requiring oversize documents such as large maps. In all cases, the schedule number and page number of the schedule to which the supporting documentation applies must be entered, as well as the reporting period. Supporting documentation must not be stapled to the corresponding schedules.

D. ATTESTATION

The complete set of schedules filed for a given reporting period must be subscribed and verified by the duly authorized executive officer of the respondent, or of one of the respondents where a consolidated schedule is filed, who is qualified and authorized to prepare or supervise the preparation of the schedules and to certify their accuracy, completeness, and truthfulness. Such attestation will be submitted in the format specified in the Attestation Under Oath, displayed in Figure III-1.

Information submitted on magnetic tape must be accompanied by a working copy of each schedule used to create the magnetic tape. A single Attestation Under Oath will apply to all information, regardless of filing medium, submitted in the reporting period.

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(3-76)

E. RESPONDENT COMMENTS AND SUGGESTIONS

The Regulatory Information System represents a significant departure from the previous methods of gathering and using information by the Commission. Like all new systems, areas for improvement will undoubtedly be discovered during actual operation. All respondents are encouraged to supply comments and suggestions to the Commission of specific data collection or schedule design problems.

All questions concerning schedule design, data entry rules, filing requirements, or administrative matters, should be directed to the Office of Regulatory Information Systems at Commission headquarters. The telephone number for inquiries at the Commission is (202) 275-4138.

This telephone number and the schedule mailing address will be the main contact points between the Commission and the respondents for matters relating to the data collection. Questions that cannot be handled directly will be routed to the appropriate bureau or office personnel for resolution.

IV. RULES FOR DATA PREPARATION

The respondent is instructed to rigorously conform to the following general rules for data entry when preparing the schedules prior to the time that the schedules are forwarded for typing.

A. DATA FIELD LENGTH

Do not exceed the data field lengths allocated for each data element. When the data field size is inadequate, leave the data field blank and enter the true value in a footnote.

B. JUSTIFICATION (DATA POSITIONING)

Right justify every numeric data field; that is, place the data in the right portion of the data field so that no blank spaces follow the last character. Unfilled leading characters should be left blank. All alphabetic data fields must be left justified; that is, they begin at the left boundary of the data field.

C. ALPHABETIC AND NUMERIC

The Detailed Instructions for each schedule define each data field as either alphabetic (A) or numeric (N). The instructions also specify the data field length, including implied decimal positions for fractional numbers. For example, (N7.3) means a numeric field with seven characters to the left and three characters to the right of the implied decimal position. (N6) implies a six digit integer number and (A22) defines a twenty-two character alphabetic data field.

Do not enter alphabetic or special characters in a data field defined to be numeric by the instructions. The only exceptions to this rule are a minus sign or an asterisk, as described later. Numeric data fields must be right-justified and can be preceded by blank spaces. A data field defined as alphabetic may include any

combination of numeric and alphabetic characters. If necessary, words should be abbreviated to fit an alphabetic data field within the allocated space.

D. NEGATIVE ENTRIES

To indicate a negative numeric value, type over the preprinted minus sign in the right-most character of the data field immediately after the last significant digit; for example, 4917- . Positive numbers require no sign within the data fields; simply right-justify the number. Only certain data fields may legitimately contain negative numbers. Those data elements that may be expected to generate negative numbers are identified in the Detailed Instructions and in the schedules, where a character position is reserved for the minus sign, which is printed.

E. NULL ENTRIES

Data fields that are not applicable to a given respondent's situation must be left blank. Do not write in "N/A", or "NONE", or "NO DATA", or any other null response. Numeric data fields that do apply to the respondent but for which the respondent has a legitimate value of zero must be so entered with zero, including all decimal positions. Numeric, alphabetic, or alpha-numeric data fields that do not apply must be left blank.

F. PERCENTAGES AND FRACTIONS

Numeric data fields expressed in percentages may contain a variable number of decimal positions. In the schedules, all decimal points are implied by a preprinted character (▲) that does not occupy a character position within the data field. For example: NN▲NNN

The factional portion to the right of the decimal point should always be rounded to the last significant digit. For example, 11 2/3 should be entered as 11▲667 . Under no circumstances must a portion of a whole number be expressed in fractional notation for any numeric data field. Rather, use the decimal representation, as

illustrated by the preceding example of a percentage. For example, never enter 12 1/3 in a schedule; instead enter 12▲333 , assuming three decimal positions are requested.

G. SPECIAL CHARACTERS

As illustrated in the preceding section, all of the public use schedules have been designed with preprinted decimal point locators, where applicable. The respondent is specifically requested not to enter dollar signs, decimal points (.), commas (,), parentheses, technical symbols, or any other special characters on the schedules unless called for by the Detailed Instructions. For example, the number $53,429.48 would be entered as 53429▲48 and the number $45,237 would be entered as 45237▲00

H. MULTIPLE PAGES

Multiple pages may often be necessary for the respondent to provide all of the data for a particular schedule. Additional pages may be requested of the Commission at any time. To minimize such requests, the Commission will analyze historical submission patterns and volumes for each schedule and attempt to tailor the number of pages mailed out with the number of pages submitted in the past. Each page of a schedule must be numbered in the upper right hand corner.

I. LISTS OF LEGITIMATE VALUES

A copy of the Register of Data Standards will be made available to each respondent. The Register must be a standard reference tool for personnel completing the schedules to assure valid data entries. Respondent-entered data that is inconsistent with values contained in the Register will be rejected, since validation procedures are also based on the Register.

Normally, the Detailed Instructions will not contain the lists of legitimate values, but will refer to the Register of Data Standards. However, certain data item lists were incorporated directly in the Detailed Instructions for the convenience of the respondent. In these cases the data item list mnemonic appears in parenthesis.

The respondent must use the approved values and is also cautioned not to alter the units of measure (i.e., MMcf or KW) defined in the Detailed Instructions.

V. DATA MAINTENANCE ACTIVITIES

When preparing the public use schedules, the respondent must be familiar with the procedures necessary to modify data on the Commission's data bases and to prepare footnotes, where necessary. These topics are covered in this chapter.

A. MODIFICATION OF DATA

New data may be entered directly on any of the public use schedules by the respondent. The respondent must be certain that all data fields identified as key by the instructions are properly completed. For each new entry all data must be completed for the initial submission. For subsequent submissions of this data, the following general rules apply.

Changes to existing data residing in Commission's data bases can be entered directly on any public use schedule. To determine whether a data element has changed, the respondent is to refer to the data reported for the last submission.

For data identified by the Detailed Instructions as periodically required to be submitted, the respondent must completely resubmit all requested data regardless of whether or not the data have actually changed. In other Detailed Instructions subsequent submissions require the respondent to submit only appropriate identification (key data fields) and changed data fields. For this type of data, the Commission maintains only the latest current values in the data base, and the last reported data will continue to be propagated as the current data. To delete the current value of a data element, the respondent must enter an asterisk (*) in the left-most position of the data field, regardless of the numeric or alphabetic nature of the data. The following example illustrates how to delete any single occurrence of a data element:

Data Field Title
*

To delete a data element in more than one logical entry, an asterisk must be entered by the respondent for each occurrence of the data element.

To delete an entire logical entry, a retired generator for instance, the respondent must type a "D" over the preprinted "D" contained to the right of each logical entry and must specify all key items necessary to uniquely identify the logical entry. The Detailed Instructions indicate which data elements are key items. When processed, all of the data for the entire logical entry will be deleted from the data base. No facility is provided for deleting, in a single action, all of the data for an entire respondent or for any major grouping of data above the logical entry level, such as the data for an entire plant. To accomplish major delete actions, the respondent must delete each logical entry separately. If such step-by-step action proves cumbersome for the respondent in view of a major delete action (a plant closure, for example), the respondent should notify the Commission in writing of the delete action and request appropriate steps to update the data bases.

B. FOOTNOTES

Footnotes cannot be placed directly on any public use data schedule. Instead, a single, separate schedule (FPC Schedule Number 0000) is used for footnote entry. The preparation of a respondent supplied footnote requires entry on both the source schedule and the footnote schedule.

All data schedules contain two blocks to signify the presence of a footnote. These footnote indicator data fields are called the General Footnote and the Specific Footnote. The General Footnote data field enables the respondent to supply additional information that pertains to either the entire schedule and/or to a particular column (all occurrences of a data element) within the schedule. The Specific Footnote may be for either a complete logical entry and/or a specific data element within any logical entry.

The footnote number must be assigned uniquely and cannot be repeated across schedules. For example, if Schedule 0102 has footnote numbers 014 and 015 assigned, the footnotes for schedule 0103 should begin at 016. The respondent must not number the footnotes starting from 001 for each schedule. All footnote reference numbers throughout all schedules submitted in a single reporting period must have unique numbers.

VI. DATA KEYING AND VERIFICATION INSTRUCTIONS

Data keying may be utilized by respondents who submit data via magnetic tape. The following keying (and, therefore, verification) instructions apply to all redesigned public use schedules, regardless of actual data content. Keying will produce 80-character records (refer to magnetic tape submission requirements).

Each record must always contain the same control data fields in columns 1-11. These data fields are:

- Data Field A - Schedule Number (Record Position 1-4)
- Data Field B - Page Number (Record Position 5-8)
- Data Field C - Line Number (Record Position 9-10)
- Data Field D - Record Type (Record Position 11)

Data Keying and Verification Instructions are described in Figure VI-1.

When keying from the Public Use Schedules, follow the general rules given below.

- Data Field A, Schedule Number, (Record Position 1-4) and Data Field B, Page Number, (Record Position 5-8) are obtained from the header area of the schedule. The schedule number is obtained from the upper left corner of the schedule and the page number from the upper right corner of the schedule.
- Data Field C, Line Number (Record Position 9-10) is preprinted to the left of each line in the margin of the schedule (even numbers such as 2, 4, 6, etc. are the only valid entries).
- In Data Field D, (Record Type) an "A" should be keyed in Position 11 of the first record keyed for a line.
- In record positions 12-80 of the record, key all data field separators (|) and all data that has been filled in by the respondent.

DATA KEYING AND VERIFICATION INSTRUCTIONS

DATA FIELD	DATA FIELD NAME	COLUMNS FROM	COLUMNS TO	NUMBER OF COLUMNS	*	SPECIAL INSTRUCTIONS
	Common Data					
A	Schedule Number	1	4	4	N	Preprinted at the top left of all schedules
B	Page Number	5	8	4	N	Printed at top right of all schedules
C	Line Number	9	10	2	N	Preprinted on left margin of all schedules (even numbers)
D	Record Type (A = first record, B = second record)	11	11	1	A	A = First record for line B = Second record for line
E	Line Data	12	80	69		Key all data fields and their data field separators. Compress data as described in keying instructions.

* A - Alpha
N - Numeric

FIGURE VI-1. DATA KEYING AND VERIFICATION INSTRUCTIONS

- At the end of each line on the schedule, key a line terminator symbol (@).

  Note: In some instances, a second record (Record Type B) will be required solely for the line terminator symbol (@).

- Normally, only one record will be required for a line. Should a second record be required for a line, duplicate Positions 1-10 from the "A" record, and key a "B" Position 11 of the second record.
- Do not key data fields which are preprinted, including data field separators.
- Do not key odd numbered lines (i.e., 3, 5, 7, 9, etc.).
- Do not key lines in which the resondent has entered no data.

In the examples shown, a lower case b represents a blank.

A. DATA FIELD CONTENTS

The data keyed into Positions 1-11 of the keyed records is keyed according to the fixed format specified above. But the data keyed in the remainder of the positions of the records (12-80) are keyed in a variable format. That is, leading and trailing blanks in data fields are not keyed. For example, if a ten-position alpha-numeric data field on the schedule contains a single letter, only that letter is keyed:

"Abbb" is keyed "A|"

B. DATA FIELD SEPARATOR (|)

The variable format explained in A above, requires that the sum of each data field (in Positions 12-80) be indicated by following the data field contents with a data field separator symbol (|).

The data field separator is the vertical bar symbol, which is to be represented by a 12-7-8 punch, and a hex-decimal 4F in EBCDIC.

See the example in A above, or those that follow, for illustrations of the use of the data field separator.

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C. LINE TERMINATOR (@)

The end of a schedule line must be represented in the keyed record. The vertical bar (data field separator) following the last data field is to be followed with a line terminator symbol. This can require that a "B" record be keyed to provide the line terminator symbol (@).

The line terminator is the "@" symbol, which is to be represented by a 4-8 punch, and a hex-decimal 7C in EBCDIC.

D. CONTINUATION RECORD

In most cases, one line on a schedule will be represented by one 80-character record, but in some cases two records will be necessary to represent a single schedule line. In the first (or only) record, an "A" is keyed into Position 11. In the continuation record (there will not be more than one per line), after duplicating Positions 1-10 from the "A" record, key a "B" in Position 11 then continue keying from the schedule line. (Note that for two-record lines, Position 80 of the "A" record may occur in the middle of a data field on the schedule.)

E. BLANK LINES

Every data field in a schedule line, including blank data fields, must be represented in the keyed records. For a blank data field, key only a data field separator symbol (|). For example, if the first three data fields on a schedule line were blank they would be represented in the keyed record by three consecutive data field separators (in Positions 12-14).

F. DECIMAL POINTS IN NUMERIC DATA FIELDS

Many numeric data fields contain decimal points, indicated on the schedules by a preprinted ▲. (The only valid indication of a decimal point is the preprinted ▲. Use of a period is an error on the part of the individual filling in the data.) Because it is preprinted, it is not keyed. In order that the data field contents be

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properly entered in the RIS data base, all positions to the right of a preprinted decimal in a data field on a schedule must be keyed.

G. CONSOLIDATED EXAMPLE

This example illustrates the rules given above, as applied to an entry on line 16 of page 2 of a hypothetical Schedule 99.

Data Field Type:

a	n	n	n	n	n	n	n	n	n	n

Data Field Length:

35	10	10	8.2	3.3	10	10	10	10	10	10

Data Field Contents:

MIDWESTERN INTERNATIONAL 350 * 673▲21 24▲2bb 750000 b b 550000 622490 3575829400

Keyed Records: A Record -

0099000216AMIDWESTERNbINTERNATIONAL| 350| *| 67321| 24200| 750000|| 550000| 622490|

B Record -

0099000216B3575829400| @

H. CHARACTER SET

Keying should be accomplished using the standard EBCDIC alphabetic and numeric character set. The following are the only valid special characters which can be used:

EBCDIC SPECIAL CHARACTER

CHARACTER	EBCDIC HEX REP	CARD PUNCH	CHARACTER	EBCDIC HEX REP	CARD PUNCH
.	4B	12-3-8	-	6Ø	11
(	4D	12-5-8	/	61	Ø-1
+	4E	12-6-8	,	6B	Ø-3-8
&	5Ø	12	%	6C	Ø-4-8
$	5B	11-3-8	?	6F	Ø-7-8
*	5C	11-4-8	:	7A	2-8
)	5D	11-5-8	'	7D	5-8
;	5E	11-6-8	=	7E	6-8
			"	7F	7-8

Data Field Separator:

| 4F 12-7-8

Data Line Terminator:

@ 7C 4-8

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I. MAGNETIC TAPE SUBMISSION

The magnetic tape to be submitted shall be compatible with IBM 370/OS using 9-track standard IBM OS labels or using 9-track non-labelled tapes in EBCDIC code format at 800 or 1600 bpi. The logical record length shall be 80 characters. The blocking factor should be compatible with IBM OS tape blocking conventions.

All respondents submitting magnetic tape(s) must enclose with the tape the following information: name of company, name of contact about the magnetic tape and telephone number. Additionally the following information must be specified for labelled and non-labelled tapes:

LABELLED AND NON-LABELLED TAPES

- whether 800 or 1600 bpi
- whether labelled or non-labelled

LABELLED TAPES

- internal volume/serial number of tape
- data set name

NON-LABELLED TAPES

- block size in characters (length of physical record)
- external volume/serial number of tape

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Attachment B

FEDERAL POWER COMMISSION

Corporate and Financial Reports for Class C and Class D
Natural Gas Companies

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	

LEVEL II

GENERAL SUBJECT INSTRUCTIONS

FOR

CORPORATE AND FINANCIAL SCHEDULES

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APPENDIX 1. List of Corporate and Financial Schedules

Schedule Number	Schedule Name
0101	General Corporate Information
0102	Control Over Respondent
0104	Corporations Controlled by Respondent
0105	Corporate Officers/Directors
0106	Other Corporate Employees
0107	Security Holders and Voting Powers - Total
0108	Security Holders and Voting Powers
0110	Other Stockholder Information
0111	Notes to Security Holders and Voting Powers
0112	Annual Notes to Financial Data
0113	Descriptions of Construction Overhead Procedures
0114	Important Changes During the Year - Transmission or Distribution System
0115	Important Changes During the Year - Respondent Rate Proceedings
0116	Important Changes During the Year - Supplier Rate Proceedings
0117	Important Changes During the Year - New Sources of Gas
0118	Important Changes During the Year - New Generating Plants/Units
0120	Important Changes During the Year - Utility Plant Not Operated
0121	Company Employee Data
0122	Securities Issued During Year
0123	Securities Assumed, Refunded or Retired During Year
0124	List of Accounts - Part I (Electric Class A and Class B)
0124	List of Accounts - Part II (Natural Gas Class A and Class B)
0124	List of Accounts - Part III (Electric Class C and Class D)
0124	List of Accounts - Part IV (Natural Gas Class C and Class D)
0125	Investment in Subsidiary Companies - Equity Accounting
0126	Gas Stored Underground - Part II
0127	Gas Stored Underground - Part I
0128	Production Fuel Stocks
0129	Production Fuel Cost Data
0130	Gas Prepayments and Undelivered Gas Obligations
0132	Capital Stock
0133	Long-Term Debt
0134	Notes Payable
0135	Taxes Accrued, Prepaid and Charged During the Year
0136	Computation of Federal Income Tax Accruals for the Year
0137	Consolidated Federal Income Tax Return Information
0138	Accumulated Deferred Income Taxes
0139	Accelerated Amortization of Facilities
0140	Tax Deferrals Related to Other Property

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Schedule Number	Schedule Name
0141	Investment Tax Credits
0142	Advances for Gas Prior to Initial Deliveries or Commission Certification
0143	Particulars for Estimating Depreciation, Depletion and Amortization of Utility Plant
0144	Plant in Service or all Utility Plants
0145	Completed Construction Not Classified
0146	Plant Purchased or Sold
0147	Experimental Plant Unclassified
0148	Utility Plant Leased to Others
0149	Plant and Production Properties Held for Future Use
0150	Construction Work in Progress
0151	Accumulated Provision for Depreciation of Utility Plant - Part I
0152	Accumulated Provision for Depreciation of Utility Plant - Part II (Electric and Gas)
0153	Accumulated Provision for Depletion and Amortization of Utility Plant (Account 111.00)
0154	Common Plant and Expense Data - Part II
0155	Common Plant and Expense Data - Part I
0156	Construction Overhead
0157	Natural Gas Reserves and Land Acreage
0158	Net Realizable Value of Estimated Hydrocarbon Reserves
0159	Operating Revenues
0160	Extraordinary Items
0161	Detailed Account Data - Part I
0162	Detailed Account Data - Part II
0163	Detailed Account Data - Part III
0164	Detailed Account Data - Part IV
0165	Monthly Statement of Electric Operating Revenue and Income - Part I
0166	Monthly Statement of Electric Operating Revenue and Income - Part II
0167	Revenue From Transportation of Gas of Others - Natural Gas
0168	Gas Purchases
0169	Professional and Other Consultative Services
0170	Lease Rental Charges - General Data
0171	Lease Rentals Charged
0172	Exploration and Development Expenses
0173	Regulatory Commission Expense
0174	Particulars Concerning Certain Income Accounts
0175	Exchange Gas Accounting - Part I
0176	Exchange Gas Accounting - Part II
0177	Research and Development Activities
0178	Natural Gas Production and Gathering Statistics
0179	Franchise Requirements
0180	Gas Used in Utility Operations - Credit
0181	Gas Account - Natural Gas

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Schedule Number	Schedule Name
0182	Natural Gas Pipeline Company Monthly Statement - Revenues and Expenses - Part I
0183	Natural Gas Pipeline Company Monthly Statement - Revenues and Expenses - Part II
0184	Natural Gas Pipeline Company Monthly Statement - Operation and Maintenance Expenses
0185	Natural Gas Pipeline Company Monthly Statement - Supplemental Gas Supplies and Selected Data
0186	Natural Gas Pipeline Company Monthly Statement - Gas Revenues and Purchases
0187	Reconciliation of Reported Net Income With Taxable Income
0188	Accumulated Provision for Depreciation, Depletion, and Amortization of Utility Plant
0189	Changes in Estimated Natural Gas and Other Hydrocarbon Reserves
0190	Balance Sheet Accounts - Part I
0191	Balance Sheet Accounts - Part II
0192	Balance Sheet Accounts - Part III
0194	Income Statement Accounts
0195	Retained Earnings and Operating Revenues Accounts
0196	Operation and Maintenance Expenses Accounts
0197	Utility Plant - Municipal
0198	Long-Term Debt - Municipal
0199	Information Concerning Licenses and Location of Records
0200	Licensed Project Plant
0201	Licensed Project Plant - Classified by Developments
0202	Additions, Retirements and Adjustments - Licensed Project Plant
0205	Accumulated Provision for Depreciation of Licensed Project Plant - Balances and Changed During the Year
0206	Accumulated Provision for Depreciation of Licensed Project Plant According to Functional Classification
0207	Accumulated Provision for Amortization of Licensed Project Plant
0208	Accumulated Provision for Amortization of Licensed Project Plant According to Functional Classification
0209	Depreciation Expense for Licensed Projects
0210	Amortization Expense for Licensed Project
0211	Amortization Reserve - Federal
0212	Operation of Licensed Projects and the Sale or Use of Energy Produced
0213	Environmental Facilities and Expenses
0214	Notes to Environmental Facilities and Expenses
0215	Monthly Notes to Financial Data
0639	Monthly Net Generation by Licensed Project
0640	Licensed Projects Annual Energy Deductions

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
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Schedule Number	Schedule Name
0695	Sales of Electricity by Rate Schedules
0696	Sales of Electricity by Communities
0697	Railroads and Interdepartmental Sales
0698	Sales of Water and Water Power
0704	Fish and Wildlife and Recreation Plants
0837	Taxes, Tax Equivalents, Contributions and Services During Year - Part I
0838	Taxes, Tax Equivalents, Contributions and Services During Year - Part II
0839	Expenditures for Certain Civic, Political and Other Related Activities

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I. GENERAL INFORMATION

These instructions apply to those schedules:

- Containing basic information on the respondent's corporate profile
- Providing detailed financial data about the Corporation's business activities.

The group of corporate and financial schedules represent a comprehensive selection of data covering the respondent's entire financial accounting operation.

The classification of respondents are:

a. Class A: Natural gas companies, public utilities, and licensees having operating revenues of $2,500,000 or more.

b. Class B: Natural gas companies, public utilities, and licensees having operating revenues of $1,000,000 or more but less than $2,500,000.

c. Class C: Natural gas companies, public utilities, and licensees having operating revenues of $150,000 or more but less than $1,000,000.

d. Class D: Natural gas companies, public utilities, and licensees having operating revenues of $25,000 or more but less than $150,000.

The schedules are organized into two subgroups based upon respondent reporting requirements: (1) annual or (2) monthly submissions. The grouping of schedules into their respective submission subgroups together with a reference to the old FPC form relationships is shown below:

Subgroup	Respondent Category	Schedule Number(s)	Old FPC Form	Submission Date
Annual Submissions				
1	Class A & Class B (Electric Utilities and Licensees)	0101-0187, 0213-0214, 0695-0698, 0704 (less 0103, 0109, 0115, 0117, 0119, 0126, 0127, 0130, 0131, 0142, 0153, 0157, 0158, 0165, 0166, 0172, 0175, 0176, 0178, 0180-0186)	1	Annually (on or before March 31st
2	Class A & Class B (Natural Gas Companies)	0101-0181, 0187, 0189 (less 0103, 0109, 0118, 0119, 0131, 0165, 0166)	2	Annually (on or before March 31st)
3	Class C & Class D (Electric Utilities and Licensees)	0101, 0102, 0104 0105, 0108, 0111, 0112, 0124, 0132, 0133, 0141, 0144, 0159, 0161-0163, 0188	1F	Annually (on or before March 31st)
4	Federal Projects and Municipal (Electric)	0190-0192, 0194-0198, 0837-0839	1M	Annually (3 months following close of fiscal year for municipalities and Federal Projects report on fiscal year usually corresponding with FY of Government)
5	Class C & Class D (Natural Gas Companies)	0101, 0102, 0104, 0105, 0107-0108, 0111, 0112, 0124, 0132, 0133, 0141, 0144, 0159, 0161-0163, 0168, 0181, 0188	2A	Annually (on or before March 31st)
6	Licensed Projects (covers all major projects owned by the licensee)	0199-0202, 0205-0212, 0639-0640	9	Annually (on or before April 30th)

Subgroup	Respondent Category	Schedule Number(s)	Old FPC Form	Submission Date
Monthly Submission				
1	Class A & Class B (Electric Utilities)	0165,0166,0215	5	Monthly (40 days after end of reporting month)
2	Class A & Class B (Natural Gas Companies whose combined gas sales for resale and gas transported or stored for a fee exceeding 50 million MCF)	0182-0186,0213	11	Monthly (40 days after end of reporting month)

Each schedule is identified by a schedule number and title (see Appendix 1, List of Corporate and Financial Schedules).

II. STANDARD DEFINITIONS AND CODES

A. UNIFORM SYSTEMS OF ACCOUNTS

The required submission for Class A, Class B, Class C and Class D natural gas pipeline and electric utilities and licensees will be prepared in conformity with the "Uniform Systems of Accounts for Natural Gas Companies" or "Uniform Systems of Accounts for Public Utilities and Licensees" prescribed by Part 101, 104, 201 and 204 of Title 18 CFR. All mention of accounts, accounting requirements and terminology are to be interpreted in accordance with the said classifications.

For Municipal Electric Utilities and Federal Projects, the required submissions should be filled out in accordance with the individual schedule instructions which provide titles of data requirements to fit special respondent cases. Account numbers are related to each of the data titles to assist internal processing of data.

B. ACCOUNT NUMBERING SYSTEM

The new reporting system requires five digit numbers. In reporting the account numbers for the Uniform Systems of Accounts, the respondent must add zeros, either one or two as appropriate, after the number to complete the five digit system. For example, Account 101, Plant in Service, must be reported as Number 101.00; Account 419.1., Allowance for Funds Used During Construction, must be reported as 419.10.

C. SUPPLEMENTAL ACCOUNT NUMBERS

A system of Supplemental Account Numbers have been developed to accommodate the processing of the following types of information:

- Required data items that do not have assigned Uniform Systems of Account numbers (e.g., total assets, net income, etc.)
- Respondents with several reporting departments (e.g., electric, gas, steam, common, other)

- Required additional breakdown of data from existing account numbers (e.g., depreciation expense, deferred taxes, etc.)

These categories of information add to and/or expand the data identified by the Uniform Systems of Accounts. The Supplemental Account Numbers are a necessary control to insure uniform reporting of certain data elements and will assist in the efficient processing of the various categories of information.

From the above considerations, many Supplemental Account Numbers are expressed using previously undefined numbers from the Uniform Systems of Accounts:

- A three digit code (e.g., 010.00 - Sources of Funds - Operation - Net Income) or
- A three digit code with decimal (e.g., 046.10 - Total Salaries and Wages)

Further, some existing accounts in the Uniform Systems of Accounts were expanded by addition of a decimal, as:

- Accumulated Deferred Income Taxes - Accelerated Amortization (281) expanded to
- Accumulated Deferred Income Taxes - Accelerated Amortization - Pollution Control Facilities (281.20)

Finally, to indicate reporting by different departments internal to the respondent's operations, a second decimal place was added to any existing Uniform System of Account number or any new Supplemental Account number as shown in the following examples:

Example 1:

Uniform System of Account Number	Description
101	Plant in Service

expanded to -

Supplemental Account	Description
Electric Respondents	
101.01	Plant in Service - Electric
101.02	Plant in Service - Gas
101.03	Plant in Service - Common
101.04	Plant in Service - Steam
101.05	Plant in Service - Other
Gas Respondents	
101.01	Plant in Service - Gas
101.02	Plant in Service - Electric
101.03	Plant in Service - Common
101.05	Plant in Service - Other

Example 2:

Supplemental Account	Description
281.20	Accumulated Deferred Income Taxes - Accelerated Amortization - Pollution Control Facilities

expanded to -

Electric Respondents	
281.21	Accumulated Deferred Income Taxes - Accelerated Amortization - Pollution Control Facilities - Electric
281.22	Accumulated Deferred Income Taxes - Accelerated Amortization - Pollution Control Facilities - Gas
Gas Respondents	
281.21	Accumulated Deferred Income Taxes - Accelerated Amortization - Pollution Control Facilities - Gas
281.22	Accumulated Deferred Income Taxes - Accelerated Amortization - Pollution Control Facilities - Electric

The instructions for each schedule list the specific account numbers or indicate where the respondent is required to report departmental information on the basis of supplemental account numbers.

D. SELECTED DEFINITIONS

The following definitions pertain to the indicated subgroups of Corporate and Financial schedules:

1. Annual Submission (Natural Gas Pipeline Respondents)

a. Gas Volumes: All gas volumes will be reported in MMCF rounded to three decimal places. Pressure base of gas volumes reported will be 14.73 PSIA at 60° Fahrenheit, pursuant to Exhibit H of Circular No. A-46, of the Bureau of the Budget issued February 1966.

b. Natural Gas means either natural gas unmixed or any mixture of natural and manufactured gas.

c. BTU per Cubic Foot: The total heating value expressed in BTU, produced by the combustion, at a constant pressure, of the amount of the gas which would occupy a volume of one cubic foot at a temperature of 60° Fahrenheit if saturated with water vapor and under a pressure equivalent to that of 30 inches of mercury at 32° Fahrenheit and under standard gravitational force (980.665 cm. per second^2) with air of the same temperature and pressure as the gas, when the products of combustion are cooled to the initial temperature of gas and air when the water formed by combustion is condensed to the liquid state. (Sometimes called gross heating value or total heating value).

2. Annual Submission (Electric Operating Respondents)

a. Electric Plant: A unit or group of units of the same or different generating type as long as they can be considered at the same physical site.

b. Electric System: The physically connected generation, transmission, distribution, and other facilities operated as an integral unit under one control, management, or operating supervision.

c. Electric Utility: All enterprises engaged in the production and/or transmission and/or distribution of electricity for use by the public, including investor-owned, cooperatively-owned, government-owned (municipal systems, Federal agencies, state projects, and public power districts); and where the data are not separable, those industrial plants contributing to the public supply.

3. Annual Submission (Licensees)

a. The term "project" means all the property covered by a single license number.

b. The term "Federal Project" means those electric projects operating under the supervision of the Alaska Power Administration, Bonneville Power Authority, Bureau of Indian Affairs, Colorado River Storage Project, Southeastern Power Administration, Southwestern Power Administration, Tennessee Valley Authority, U.S. Bureau of Reclamation, and U.S. Corps of Engineers.

4. Monthly Submission (Natural Gas Pipeline Respondents)

a. Imports are gas receipts into the United States of America from a foreign country.

b. Exports are gas deliveries out of the United States of America to a foreign country.

c. Firm Gas Sales to industrial customers are those made under schedules or contracts which anticipate no interruption.

d. Off-Peak Gas Sales to industrial customers are those made under schedules or contracts on a firm basis for periods specified for other then times of seller's peak requirements.

e. Interruptible Gas Sales to industrial customers are those made under schedules or contracts which provide for curtailment by the seller in order to protect service to firm customers.

III. GENERAL INSTRUCTIONS

A. ALL SCHEDULES

1. Information on Utility Departments

For companies having more than one utility department, report information on the basis of total company operations except where otherwise requested on the particular schedule.

2. Changes in Previous Year Reported Figures

Beginning of the year balances are not required on most of the financial schedules. Where amounts reported in the previous year (balance end of year) do not agree with beginning of year amounts for any reason, the respondent shall furnish an explanation of the reason in a footnote.

B. ANNUAL SUBMISSION SCHEDULES

1. Additional Submission

In addition to filing the Annual Submission of Schedules, each respondent shall also file with the Commission, immediately upon publication, five copies of its latest annual report to stockholders and of any annual financial or statistical report regularly prepared and distributed to bond-holders, security analysts, or industry associations. If reports to stockholders are not prepared, so state on Schedule 0112, "Annual Notes to Financial Data".

2. Letter by Certified Public Accountant

Class A and Class B respondents shall file with the original and each copy of the "Annual Submission of Schedules" a letter or report (required by Sections 41.10 - 41.12 of the Commission's Regulations under the Federal Power Act or Sections 158.10 - 158.12 of the Commission's Regulations under the Natural Gas Act) signed by independent certified accountants or independent licensed public accountant, certified or licensed

by a regulatory authority of a State or other political subdivision of the United States until December 31, 1975 and beginning January 1, 1976, and each year thereafter, only independent certified public accountants and independent licensed public accountants (licensed on or before December 31, 1970) will be authorized in attesting to the conformity, in all material repects, of the following sch-dules in this report with the Commission's applicable Uniform Systems of Accounts (statement certification includes applicable notes relating thereto) and published Commission accounting releases:

Schedule Number	Description
0124	List of Accounts (Part I or Part II)
0133	Long Term Debt
0136	Computation of Federal Income Tax Accruals for the Year
0137	Consolidated Federal Income Tax Return Information
0138	Accumulated Deferred Income Taxes
0139	Accelerated Amortization of Facilities
0140	Tax Deferrals Related to Other Property
0143	Particulars for Estimating Depreciation, Depletion and Amortization of Utility Plant
0144	Plant in Service or All Utility Plants
0145	Completed Construction Not Classified
0149	Plant and Production Properties Held for Future Use
0150	Construction Work in Progress
0151	Accumulated Provision for Depreciation of Utility Plant - Part I
0152	Accumulated Provision for Depreciation of Utility Plant - Part II
0154	Common Plant and Expense Data - Part II

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Schedule Number	Description
0155	Common Plant and Expense Data - Part I
0159	Operating Revenues
0162	Detailed Account Data - Part II
0163	Detailed Account Data - Part III (Only Information Pertaining to Retained Earnings Accounts)
0164	Detailed Account Data - Part IV (Only Information Pertaining to Plant Materials and Operating Supplies and Prepayments (Gas Respondents))
0187	Reconciliation of Reported Net Income with Taxable Income

The letter or report shall be in the following form unless unusual circumstances or conditions, explained in the letter or report, demand that it be varied:

In connection with our regular examination of the financial statements of for the year ended , on which we have reported separately under date of , we have also reviewed schedules _____ of the annual submission for the year filed with the Federal Power Commission, for conformity in all material respects with the requirements of the Federal Power Commission as set forth in its applicable Uniform Systems of Accounts and published Commission accounting releases. Our review for this purpose include such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances. Based on our review, in our opinion the accompanying schedules identified in the preceding paragraph (except as noted below)* conform in all material respects with the accounting requirements of the Federal Power Commission as set forth in its applicable Uniform Systems of Accounts and published accounting releases.

* Parenthetical phrase inserted only when exceptions are to be reported.

The letter or report shall state, additionally, which, if any, of the schedules set forth above do not conform to the Commission's requirements, and shall describe the descrepancies that exist.

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Attachment C

FEDERAL POWER COMMISSION

Corporate and Financial Reports for Class C and Class D Natural Gas Companies

R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0100 INDEX OF FPC PUBLIC USE SCHEDULES SUBMITTED		1 of 2

I. DESCRIPTION

This schedule shall be used to identify the schedules which were submitted by each respondent.

II. GENERAL INFORMATION

A. This schedule shall be submitted by all Federal Power Commission respondents.

B. This schedule shall be completed for each submission of schedules to the Federal Power Commission.

C. The report period date required on line two of this schedule shall be the final date of the period covered by the submission i.e., if data is reported on a calendar year basis, the date to be reported is December 31, 1976, in the format MMDDTY
123176.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1	Date Received in Mail Room (N6): This data field is for Federal Power Commission internal processing only. (TMDATE)
2	Date Received in DBCG (N6): This data field is for Federal Power Commission internal processing only. (TMDATE)
3 (Key)	Schedule Number (N4): Enter the schedule number of each schedule being submitted in this submission.
4	Schedule Contact Name (A35): Enter the name of the individual to contact about the schedule number reported in data field 3 above. The format for the name is: Last Name, First Name or Initial, Middle Initial. (IDNAME)
5	Schedule Contact Telephone Number (A12): Enter the area code and telephone number, in the format NNN-NNN-NNNN. Be certain to over strike the preprinted hyphens (-).
6	Number of Pages (N4) NO: Enter the number of pages submitted for the schedule reported in data field 3 above.
7	Indicate Primary Reporting Media, Hardcopy or Tape (N1): Enter "1" if hardcopy is being submitted; or enter "2" if tape is being submitted. (INETOR)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0100 INDEX OF FPC PUBLIC USE SCHEDULES SUBMITTED		2 of 2

Data Field Number	Instructions
8	Name of Attestor: Enter the legal name of the individual who is attesting to the validity of the data content being submitted on each of the schedules reported in data field 3 above. (IDNAME)
9	Signature of Attestor: Enter the attestors legal signature in this data field. (IDNAME)
10	Date of Attestation: Enter the date of attestation, in the format MMDDYY. (TMDATE)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0101	GENERAL CORPORATE INFORMATION	1 of 2

I. DESCRIPTION

This schedule is used to collect general corporate information for a basic profile on the respondent.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Class A and B respondents shall complete all data fields on this schedule in their first submission. Class C and Class D respondents complete data fields 1 thru 6 only. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions, however, if data fields 10 and 11 are not being submitted, do not complete them as key data fields.

C. Report in data fields 1-9 general information on location of books, incorporation data and public accountants. Report in both data fields 10 and 11 information on the type of service provided (10) and the state(s) where the service is provided (11).

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Name of Officer with Custody of Corporate Books (A22): (IDNAME)
2	Location of Main Books (A22): Enter the state and city where general corporate books are kept. Enter the state appreviation, from the Register of Data Standards, IDSTAT, in the first two postions of this data field, followed by the city name (IDCITY).
3	Location of Other Books (A22): Enter the state and city where any other corporate books of accounts are kept, if different from that at which the general corporate books are kept. Enter the state abbreviation, from the Register of Data Standards, IDSTAT, in the first two positions of this data field, followed by the city name (IDCITY).
4	Incorporation State (A2): Enter the state abbreviation, from the Register of Data Standards, IDSTAT.
5	Incorporation Date (N6) Enter the date the respondent was incorporated, in the format MMDDYY. (TMDATE)
6	Special Law Reference (A20): If incorporated under a special law, give reference to such law. If not incorporated, state type of organization. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0101	GENERAL CORPORATE INFORMATION	2 of 2

Data Field Number	Instructions
7	Public Accountant (A22): Enter the name of the respondent's independent certified public accountant or independent licensed public accountants (licensed on or before December 31, 1970). (IDNAME)
8	Address of Public Accountant (A22): Enter the state and city. Enter the state abbreviation, from the Register of Data Standards, IDSTAT, in the first two positions of this data field followed by the city name (IDCITY).
9	Date Public Accountant Initially Engaged (N6): Enter the date the public accountant was initially engaged, in the format MMDDYY. The latest year should only be shown if a change in accountants was made during the year. (TMDATE)
10 (Key)	Type of Service (A3): Enter separately each type of utility service furnished, from the following alphabetic abbreviations: (TYUTIL) GAS = Gas ELC = Electric WTR = Water OTH = Other
11 (Key)	State of Service (A2): Enter the abbreviation for each state where respondent supplies the service listed in data field 10 above, from the Register of Data Standards, IDSTAT.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0102	CONTROL OVER RESPONDENT	1 of 2

I. DESCRIPTION

This schedule is used to collect information on any corporations, business trusts or similar organizations or combinations of such organizations which held control over the respondent any time during the year.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents. Class C and Class D respondents complete data fields 1 thru 4 only.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. In completing this schedule refer to the Uniform System of Accounts for a definition of control.

To summarize:

Direct control is that which is exercised without interposition of an intermediary.

Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.

Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

D. Report in data fields 1-3 information on companies who directly control the respondent. Report in data field 4 if control over respondent was held under a trust arrangement. For natural gas respondents, if other companies are controlled by the organization listed in data field 1, list in data field 5 the name of each such company and complete data fields 6 and 7. For electric respondents, if control over respondents was in a holding company, list in data field 5 the name of each company in the chain of ownership from respondent to parent organization and complete data field 7.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Name of Controlling Corporation or Organization (A35): (IDNAME)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0102	CONTROL OVER RESPONDENT	2 of 2

Data Field Number	Instructions
2	Description of Manner of Control (A40): (IDDESC)
3	Extent of Control (N3) PCT: Enter the extent of control in per cent, rounded to the nearest per cent.
4	Description of Trust Arrangements (A40): If control was held by a trustee(s), state name of trustee(s), name of beneficiary or beneficiaries for whom trust was maintained, and purpose of trust. (IDDESC)
5 (Key)	Other Controlled Company (A35): If other companies are controlled by the organization which holds control over the respondent, list the names of such companies in this data field. (IDNAME)
6	Kind of Business (A27): State the kind of business engaged in by the company listed in data field 5 above. This data field is not applicable to electric respondent. (IDDESC)
7	Extent of Control (N3): State the tier placement of the company listed in data field 5, above, to the controlling corporation or organization reported in field 1, above, by the following example of codes: (NRCADL) 001 - first tier-subsidiary 002 - second tier-subsidiary of tier 1 003 - third tier-subsidiary of tier 2

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0104	CORPORATIONS CONTROLLED BY RESPONDENT	1 of 2

I. DESCRIPTION

This schedule is used to collect information on all corporations, business trusts, joint ventures and similar organizations controlled directly or indirectly by the respondent at any time during the year.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. In completing this schedule, refer to the Uniform System of Accounts for a definition of control.

To summarize:

Direct control is that which is exercised without interposition of an intermediary.

Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control.

Joint control is that in which neither interest can effectively control or direct action without the consent of the other, as where the voting control is equally divided between two holders, or each party holds a veto power over the other. Joint control may exist by mutual agreement or understanding between two or more parties who together have control within the meaning of the definition of control in the Uniform System of Accounts, regardless of the relative voting rights of each party.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Name of Company Controlled (A35): (IDNAME)
2	Kind of Business (A30): (IDDESC)
3	Per Cent Voting Stock Owned (N3) PCT: Enter the per cent of voting stock owned, rounded to nearest per cent.
4	Particulars for Corporation Controlled (A144): If control ceased at any time during the year, furnish particulars regarding companies involved, manner of disposition and any other important aspects.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0104	CORPORATIONS CONTROLLED BY RESPONDENT	2 of 2

Data Field Number	Instructions
4 (cont'd)	If control was by other means than a direct holding of voting rights, state the manner in which control was held, naming any intermediaries involved. If control was held jointly with one or more other interests, state the fact and name the other interests; however, state if corporation is inactive. (IDDESC)

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DETAILED INSTRUCTIONS:
SCHEDULE 0105 CORPORATE OFFICERS/DIRECTORS

I. DESCRIPTION

This schedule is used to collect data on each general officer and director of the respondent who held office at any time during the year.

II. GENERAL INFORMATION

A. This schedule shall be submitted by the following categories of respondents:

Respondent Category	Data Fields
(1) Class A and Class B (Natural Gas and Electric)	All
(2) Class C and Class D (Natural Gas and Electric)	1-7,9,10

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. Report the particulars applicable to all officers and/or directors of the respondent for the reporting year. Other employees of the respondent whose annual salary is $25,000 per year or more ($35,000, if respondent's annual operating revenues are $50,000,000 or more) must also be reported on Schedule 0106, Other Corporate Employees.

D. If an individual is both an officer and director of the respondent, report separately the information called for in this schedule, once for the position of officer and once for the position of director.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Officer's/Director's Last Name (A15): (IDNAME)
2 (Key)	Officer's/Director's First Name and Middle Initial (A15): Enter the full first name and initial(s), separated by a space. (IDNAME)
3	Officer's/Director's Business Address (A22): For officers, enter the financial business address if different from the respondent's address. For directors, enter the principal business address if different from company address. Enter the two character abbreviation, from the Register of Data Standards, IDSTAT, followed by city name (IDCITY).

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FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS:
SCHEDULE 0105 CORPORATE OFFICERS/DIRECTORS

Data Field Number	Instructions
4	Officer/Director Category (N1): Enter the one digit numeric code as follows: (TYOFDR) 1 = Officer 2 = Director 3 = Both 9 = Other
5	Officer/Director Title (A30): Enter the officer's and/or director's title at the end of the reporting year. If any officer/director retired during the year, write the word "retired" in this data field. If any officer/director otherwise left the respondent during the year, leave this data field blank. Abbreviate as necessary. Examples: V.P. - Vice President, Treas. - Treasurer, Sec. - Secretary, etc. (IDDESC)
6	Officer/Director Salary - Fee (N6) DOL: Report any salaries or regular fees paid during the year.
7	Director/Member of Executive Committee (N1): Indicate "1" for chairman of the executive committee; "2" for member of that committee; or "3" for neither. (TYEXCO)
8	Officer/Director Retirement Benefits (N6) DOL: Enter the annual benefits estimated to be payable to each of the three highest paid officers, and any director who is not an officer named herein, in the event of retirement at normal retirement date, pursuant to any pension or retirement plan.
9	Officer/Director Date Position or Term Began (N6): Enter the date, in the format MMDDYY, each officer first began the position listed in data field 5 above. Enter the date each director was first elected to the position of director. (TMDATE)
10	Officer/Director Date Retired or Otherwise Separated (N6): Enter the date, in the format MMDDYY, that any officer or director retired or otherwise left the respondent during the year. (TMDATE)
11	Director Meetings Attended (N2) NO: Enter the number of meetings each director attended during the past year.
12	Officer/Director Special Remuneration Value (N8) DOL: If any officer and/or director reported in this schedule received remuneration from respondent, directly or indirectly, other than from salary and/or fees reported in data field 6 above, enter the value of the remuneration (in dollars).

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0105	CORPORATE OFFICERS/DIRECTORS	3 of 3

Data Field Number	Instructions
13	Officer/Director Special Remuneration Type (A44): Enter the particulars concerning any special remuneration received by any officer and/or director reported in data field 12 above. Give the essentials of any plan for remuneration and/or the basis for determining the ultimate benefits received by each officer and/or director. (IDDESC)
14	Officer/Director Insurance Type (A126): State briefly any arrangement paid for by the respondent on behalf of any officer or director, such as life insurance and indemnity or liability insurance, etc., and the value of such arrangement. If the insurance benefits listed in this data field apply to all officers/directors, report the required information only once under the officer or director whose title is President or Chairman of the Board. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0107	SECURITY HOLDERS AND VOTING POWERS - TOTAL	1 of 1

I. DESCRIPTION

This schedule is used to collect summary information on the total number of votes and total holders of voting securities of the respondent.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A and Class B Natural Gas and Electric respondents and Class C and Class D Natural Gas respondents.

B. Class A and Class B respondents shall complete all data fields on this schedule in their first submission. Class C and Class D respondents shall complete data fields 1-3 and 7. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions, and deletions.

C. Data should be reported as of the latest record date as specified in data field 7.

D. Separate issues of preference stock should be totaled and reported in data fields 2 and 5.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Total Votes - Common Stock (N9) NO.
2	Total Votes - Preferred Stock (N9) NO.
3	Total Votes - Other Voting Securities (N9) NO.
4	Total Number of Holders - Common Stock (N9) NO.
5	Total Number of Holders - Preferred Stock (N9) NO.
6	Total Number of Holders - Other Voting Securities (N9) NO.
7	Latest Record Date (N6): Enter the latest record date, in the format MMDDYY. (TMDATE)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0108	SECURITY HOLDERS AND VOTING POWERS	1 of 1

I. DESCRIPTION

This schedule is used to collect detailed information on holders of the respondent's outstanding securities and voting power thereof, to include:

(a) the ten security holders with the highest voting powers and,

(b) the security holdings and voting powers of any officer or director of the respondent not included in (a) above.

II. GENERAL INFORMATION

A. This schedule shall be completed by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields) and changed values, additions and deletions.

C. In data fields 4-7, state the number of votes which each security holder would have had the right to cast on the latest record date, if a meeting were then in order. The latest record date should be reported on Schedule 0107, data field 7.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field numbers:

Data Field Number	Instructions
1 (Key)	Name of Security Holder (A35): (IDNAME)
2	Location of Security Holder (A22): Enter the state abbreviation in the first two positions of the data field, from the Register of Data Standards, IDSTAT, followed by the city name (IDCITY).
3	Officer/Director Indicator (N1): If the security holder named in data field 1 above, is an officer or director within the respondent's organization, enter "1"; if not, enter "0". (INYONO)
4	Total Number of Votes (N8) NO.
5	Votes - Common Stock (N8) NO.
6	Votes - Preferred Stock (N8) NO.
7	Votes - Other Voting Securities (N8) NO.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0111	NOTES TO SECURITY HOLDERS AND VOTING POWERS	1 of 2

I. DESCRIPTION

This schedule is used to collect additional information related to (a) stock options, warrants or rights outstanding at end of the year, and (b) the voting rights and privileges carried by any security other than the repondents common and preferred stock.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule annually as necessary to support schedule Nos. 0107 and 0108.

C. This schedule supports information included on two schedules:

Schedule 0107 - "Security Holders and Voting Powers - Total"

Schedule 0108 - "Security Holders and Voting Powers."

D. Furnish particulars concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent. Particulars should include names of the parties granted the options, warrants or rights, the prices to be paid, expiration dates, and other material information relating to the exercise of the securities or assets. Specify the name of any officer, director, associated company, or any of the ten largest security holders who hold stock options warranty or rights at the end of the year.

E. Give complete description of any other security carrying voting rights and explain the circumstances whereby the security became vested with voting rights. If any class or issue of security (other than common or preferred stock) has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by any method, explain the extent and circumstances.

F. This schedule is not applicable to convertible securities or to any securities substantially all of which are outstanding in the hands of the general public where the options, warrants, or rights were issued on a prorata basis.

G. If the respondent needs additional space to complete the text information (data field 4) for any particular note, use a separate entry, repeating the same information in data fields 1 and 2 and using successive numbers (1, 2, 3, etc.) in data field 3.

III. DETAILED INSTRUCTIONS

The following data field-by data field instructions are cross-referenced to the corresponding schedule layouts by data field number:

Data Field Number	Instructions
1 (Key)	Type of Note (A60): Give a single word or short phrase identification such as: "options", "warrants," "rights," etc. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0111	NOTES TO SECURITY HOLDERS AND VOTING POWERS	2 of 2

Data Field Number	Instructions
2 (Key)	Type of Note Sequence Number (N1): Use successive numbers to designate more than one occurrence of specific type of security or item listed in data field 1 above. If only one occurrence for a particular item, report "1". (NRCADL)
3 (Key)	Entry Continuation Number (N1): Use successive numbers to designate continuation entries of textual information for a particular item listed in data field 1. If only one textual entry is needed to report the required disclosure, enter "1". (NRCADL)
4	Text of Note (A249): (IDDESC)

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I. DESCRIPTION

This schedule is used to collect information deemed necessary for adequate disclosure to support the financial data, including the financial statements, presented to the Commission in the annual filing, to include the following aspects:

A. Disclosures of all important accounting policies.

B. Disclosure of accounting changes made during the year which had significant effect on the reported net income.

C. Disclosure of all contingent assets or liabilities or significant commitments existing at the end of the year which have not been reflected in the financial data.

D. Disclosure of any other important changes occurring during the year which have not been provided elsewhere in the filing.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. Respondents will use the following guidelines to report disclosure information, using titles underlined below as the Type of Note in data field 1:

1. Accounting Policies: In disclosing its accounting policies, the respondent should identify and describe the accounting principles it has utilized, the methods of applying those principles and the impact of such policies on the financial data submitted. Examples of accounting policies that may be considered significant together with suggested minimum disclosure requirements include:

(a) Plant and Depreciation

(b) Federal Income Tax Expense

(1) Details on the accounting treatment for Federal income taxes (flow through, full normalization, partial normalization).

(2) Details on the ratemaking treatment for Federal income taxes (flow through, full normalization, partial normalization).

(3) Details on accounting for the allocation of income taxes between utility and non-utility segments of company operations.

(4) Details on the accounting for IRS settlements as claim for refunds.

(5) Details on the accounting for recognition of operating loss carrybacks and carryforwards.

(6) If the provisions of the tax laws are being utilized with respect to plant property (ADR class life and liberalized depreciation, repair allowance, etc.) for Federal income tax purposes and the resultant benefits are being flowed through the income statement, disclose the effect of such on the income statement.

(c) Investment Tax Credits

(1) Details on the method of accounting adopted for investment tax credits utilized in the current year.

(2) Details on whether the respondent has consented or is required by a regulatory commission to pass the benefits of investment tax credits along to consumers.

(3) For each year beginning with 1971, details on the ratemaking treatment of these credits to include option for (1) rate base treatment, (2) ratable flow through, (3) flow through in accordance with Section 46 (f) of the Internal Revenue Code, or (4) other method.

(d) Equity Accounting

(e) Unbilled Revenues

(f) Deferred Fuel Cost

Details on the accounting and ratemaking treatment for deferred fuel cost, to include whether specific approvals have been received from regulatory commissions to defer and recover these costs for ratemaking purposes.

(g) Deferrals of Expense or Other Items

(h) Reacquisition of Long Term Debt

(1) Details on the amount of gains and/or losses for the year from reacquisition of long term debt.

(2) Details on the accounting for such gains or losses (included in income/amortized).

(3) Details on the accounting treatment of unamortized debt discount and expense if different from the requirements of the Uniform System of Accounts.

(i) Pension Plan

(1) Details on the method of funding.

(2) Details on the pension cost for the current year charged to expense and capital accounts.

(3) Details on the amount of unfunded vested benefits.

(4) Details on the effect of the Security Act of 1974 on annual pension cost.

(5) Details on any changes in method of funding for the year.

(j) Research and Development

(k) Other

2. Accounting Changes: Information on important accounting changes should include the nature of and justification for the change, and should include the dollar effect of the change on the reported financial data. The respondent should utilize the following definition of an accounting change taken from Opinion No. 20 of the Accounting Principles Board for purposes of this requirement.

The term accounting change means a change in (a) an accounting principle, (b) an accounting estimate, or (c) the reporting entity.

In considering the importance of an accounting change, the respondent should consider the impact (or estimated impact), on not only the financial data for the current reporting period, but should also consider the financial impact of the changes on subsequent years results of operations.

3: Contingencies or Commitments: Information on all contingent assets or liabilities or significant commitments shall include all pertinent facts surrounding such matters. Examples of matters that should be reported in this section include:

(a) Particulars of all important legal proceedings pending at the end of the year and the results of proceedings culminated during the year; including the related accounting for any settlements.

(b) Commitments related to the respondent's construction program.

(c) Long term commitments on the purchase of fuel supply.

(d) Short term bank borrowing arrangements including open lines of credit, compensating balance arrangements, commitment fees, and average annual effective interest rates.

(e) Details on obligations incurred or assumed by respondent as guarantor for performance by another of any agreement or obligation. Such information shall include the amount of the obligation and the name of the commission authorizing assumption, if any, and date of authorization.

4. Other Important Changes: Information on other important changes during the year shall disclose all significant changes occuring during the year not provided for elsewhere in the Schedules in this filing.

Examples of changes include changes in articles of incorporation or amendments to the corporate charter; acquisition of ownership in other companies; recognition, merger or consolidation with other companies, particulars if control over respondent was held by a receiver or trustee.

For securities assumed during the year, the name of the company from which the liability was assumed and other particulars of the transaction should be included in data field 4. For Class A and B respondents, if any unamortized discount, premium, expenses and/or gains or losses were taken over into the respondent's books, details of these amounts should be included in schedule 0123, "Securities Assumed, Refunded or Retired during the Year," data fields 5-9. Additional disclosure on the respondent's accounting policy with respect to gains and losses on security transactions should be included under item (h), above, of this schedule.

D. If the respondent needs additional space to complete the text information (data field 4) for any particular note, use a separate entry, repeating the same information in data fields 1 and 2 and using successive numbers (1, 2, 3, etc.) in data field 3.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Type of Note (A60): Examples: (IDDESC) Policies - Income Tax Expense Policies - Equity Accounting Changes - Unbilled Revenues Contingencies/Commitments - Construction Program
2	Note Number (N1): Use successive numbers to designate more than one occurrence of the type of note listed in data field 1 above. If only one occurrence is needed for a particular type note, enter "1". (NRCADL)
3	Entry Continuation Number (N1): Use successive numbers to designate continuation entries of textual information for a particular note. If only one textual entry is needed to report the required disclosure, enter "1" in this data field. (NRCADL)
4	Text of Note (A249): (IDDESC)

R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	1 of 9

I. DESCRIPTION

This schedule is used to collect the end of year balance or the amount for the year for certain accounts of the Uniform System of Accounts and certain other financial data that has been categorized as Supplemental Accounts. (For a discussion of the relationship between the two systems of accounts see General Instructions for Corporate, Economic and Other Financial Schedules.) This schedule replaces several former schedules which reported details of:

- Comparative Balance Sheet
- Statement of Income for the Year
- Statement of Retained Earnings for the Year
- Other supporting schedules, including account balances from numerous schedules.

The account numbers to be used from the two systems of accounts are listed in General Information, II-C.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class C and Class D Natural Gas respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. The data to be reported is structured upon the account groupings from the Uniform System of Accounts augmented by a system of Supplemental Accounts to integrate related data. Included on this schedule are five account groupings, each identified by title and source:

Account Group	Title	Source
1	Balance Sheet Accounts	Uniform System of Accounts/ Supplemental Accounts
2	Income Statement Accounts	Uniform System of Accounts/ Supplemental Accounts
3	Retained Earnings Accounts	Uniform System of Accounts
4	Other Accounts	Uniform System of Accounts/ Supplemental Accounts
5	Departmental Accounts	Supplemental Accounts

Those respondents with only one utility department in their internal organization shall report groups 1 through 4, while those with more than one department shall report groups 1 through 5.

Respondents should start each account group on a new schedule collection sheet. Within each group, account numbers should be listed according to numerical sequence.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	2 of 9

1. Balance Sheet Accounts: Respondents shall report the applicable accounts from the Uniform System of Accounts and the Supplemental Accounts:

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
		ASSETS AND OTHER DEBITS	
		Utility Plant	
101.00		Gas plant in service	0144
102.00		Gas plant purchased or sold	0144
103.00		Gas plant in process of reclassification	0144
104.00		Gas plant leased to others	0144
105.00		Gas plant held for future use	0144
107.00		Construction work in progress - gas	0144
110.00		Accumulated provision for depreciation, depletion, and amortization of gas utility plant	0188
114.00		Gas plant acquisition adjustments	
116.00		Other gas plant adjustments	
	116.90	Total Utility Plant and Adjustments	
117.00		Gas stored underground - noncurrent	
118.00		Other utility plant	
119.00		Accumulated provision for depreciation and amortization of other utility plant	
	119.90	Net Utility Plant	
121.00		Nonutility property	
122.00		Accumulated provisions for depreciation and amortization of nonutility property	
	122.90	Net (Accounts 121.00 - 122.00)	
124.00		Other investments	
125.00		Special funds	
		CURRENT AND ACCRUED ASSETS	
131.00		Cash and working funds	
132.00		Temporary cash investments	
141.00		Notes receivable	
142.00		Customer accounts receivable	
143.00		Other accounts receivable	
144.00		Accumulated provision for uncollectable accounts - credit	
145.00		Notes receivable from associated companies	
146.00		Accounts receivable from associated companies	
150.00		Materials and supplies	
164.10		Gas stored underground - current	
164.20		Liquefied natural gas stored	
165.00		Prepayments	
170.00		Other current and accrued assets	
	179.90	Total Current and Accrued Assets	

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	3 of 9

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
		DEFERRED DEBITS	
181.00		Unamortized debt expense	
182.00		Extraordinary property losses	
183.00		Other deferred debits	
187.00		Deferred losses from disposition of utility plant	
189.00		Unamortized loss on reacquired debt	
190.00		Accumulated deferred income taxes	
191.00		Unrecovered purchased gas costs	
	198.90	Total Deferred Debits	
	199.90	Total Assets and Other Debits	
		LIABILITIES AND OTHER CREDITS	
		PROPRIETARY CAPITAL	
201.00		Common capital stock	0132
204.00		Preferred capital stock	0132
207.00		Other paid-in capital	
212.00		Installments received on capital stock	
213.00		Discount on capital stock	
214.00		Capital stock expense	
215.00		Appropriated retained earnings	
216.00		Unappropriated retained earnings	
217.00		Reacquired capital stock	0132
218.00		Noncorporate proprietorship	
	219.90	Total Proprietary Capital	
		LONG-TERM DEBT	
221.00		Bonds	0133
223.00		Advances from associated companies	0161
224.00		Other long-term debt	0161
225.00		Unamortized premium on long-term debt	
226.00		Unamortized discount on long-term debt - debit	
	229.90	Total Long-Term Debt	
		CURRENT AND ACCRUED LIABILITIES	
231.00		Notes payable	
232.00		Accounts payable	
233.00		Notes payable to associated companies	
234.00		Accounts payable to associated companies	
235.00		Customer deposits	
236.00		Taxes accrued	
237.00		Interest accrued	

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	4 of 9

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
238.00		Other current and accrued liabilities	
	249.90	Total Current and Accrued Liabilities	
		DEFERRED CREDITS	
252.00		Customer advances for construction	
253.00		Other deferred credit	
255.00		Accumulated deferred investment tax credits	0162
256.00		Deferred gains from disposition of utility plant	
257.00		Unamortized gain on reacquired debt	
281.00		Accumulated deferred income taxes - accelerated amortization property	
282.00		Accumulated deferred income taxes - other property	
283.00		Accumulated deferred income taxes - other	
	284.90	Total Deferred Credits	
		OPERATING RESERVES	
261.00		Property insurance reserve	
262.00		Injuries and damages reserve	
263.00		Pensions and benefits reserve	
265.00		Miscellaneous operating reserves	
	269.90	Total Operating Reserve	
	299.90	Total Liabilities and Other Credits	

2. Income Statement Accounts: Respondents shall report the applicable accounts from the Uniform System of Accounts and Supplementary Accounts. Respondents with more than one department report in this group the totals of operating expenses for all departments, and in group 5, report separate details of operating expenses for each department.

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
		UTILITY OPERATING INCOME	
400.00		Operating revenues	
412.00		Revenues from plant leased to others	
401.00		Operation expense	
402.00		Maintenance expense	
403.00		Depreciation and depletion expense	

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FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: SCHEDULE 0124 — LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D) — 5 of 9

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
404.00		Amortization of limited-term gas plant	
405.00		Amortization of other gas plant	
406.00		Amortization of gas plant acquisition adjustments	
407.10		Amortization of property losses	
408.10		Amortization of conversion expenses	
		Taxes other than income taxes, utility operating income	
409.10		Income taxes, utility operating income	
410.10		Provision for deferred income taxes, utility operating income	
411.10		Provision for deferred income taxes - credit, utility operating income	
411.40		Investment tax credit adjustments, utility operations	
411.60		Gains from disposition of utility plant	
411.70		Losses from disposition of utility plant	
413.00		Expenses of gas plant leased to others	
	413.90	Total Utility Operating Expenses	
	414.90	Net Utility Operating Income	
		OTHER INCOME AND DEDUCTIONS	
		OTHER INCOME	
415.00		Revenues from merchandising, jobbing and contract work	
416.00		Costs and expenses of merchandising, jobbing and contract work	
417.00		Revenues from nonutility operations	
417.10		Expenses of nonutility operations	
418.00		Nonoperating rental income	
419.00		Interest and dividend income	
419.10		Allowance for funds used during construction	
421.00		Miscellaneous nonoperating income	
421.10		Gain on disposition of property	
		OTHER INCOME DEDUCTIONS	
421.20		Loss on disposition of property	
425.00		Miscellaneous amortization	
426.10		Donations	
426.20		Life insurance	
426.30		Penalties	
426.40		Expenditures for certain civic, political and related activities	
426.50		Other deductions	

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FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: SCHEDULE 0124 — LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D) — 6 of 9

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
		TAXES APPLICABLE TO OTHER INCOME AND DEDUCTIONS	
408.20		Taxes other than income taxes, other income, and deductions	
409.20		Income taxes, other income and deductions	
410.20		Provisions for deferred income taxes and other income and deductions	
411.20		Provision for deferred income taxes - credit, other income and deductions	
411.50		Investment tax credit adjustments, non-utility operation	
420.00		Investment tax credits	
	426.90	Net Other Income and Deductions	
		INTEREST CHARGES	
427.00		Interest on long-term debt	
428.00		Amortization of debt discount and expense	
428.10		Amortization of loss on reacquired debt	
429.00		Amortization of premium on debt - credit	
429.10		Amortization of gain on reacquired debt - credit	
430.00		Interest on debt to associated companies	
431.00		Other interest expense	
	431.90	Total Interest Charges	
	432.90	Income Before Extraordinary Items	
		EXTRAORDINARY ITEMS	
434.00		Extraordinary income	
435.00		Extraordinary deductions	
409.30		Income taxes - extraordinary items	
433.00		Balance transferred from net income	

3. Retained Earnings Accounts: Respondents shall report the applicable accounts for the Uniform System of Accounts:

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
436.00		Appropriations of retained earnings	
437.00		Dividends declared - preferred stock	
438.00		Dividends declared - common stock	
439.00		Adjustments to retained earnings	

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	7 of 9

4. Other Accounts: Respondents shall report the applicable accounts from the Uniform System of Accounts and the Supplemental Accounts:

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
		a. Gas Operating Revenue Accounts	
		SALES OF GAS	
480.00		Residential sales	0159
481.00		Commercial and industrial sales	0159
484.00		Interdepartmental sales	0159
483.00		Sales for resale	
	485.90	Total Sales of Gas	
		OTHER OPERATING REVENUES	
487.00		Forfeited discounts	
488.00		Miscellaneous service revenues	
489.00		Revenues from transportation of gas of others	
490.00		Sales of products extracted from natural gas	
491.00		Revenues from natural gas processed by others	
492.00		Incidental gasoline and oil sales	
493.00		Rent from gas property	
494.00		Interdepartmental rents	
495.00		Other gas revenues	
	495.90	Total Other Operating Revenues	
	496.90	Total Gas Operating Revenues	
		b. Gas Operation and Maintenance Expense Accounts	
		Production expenses	
	709.90	Total manufactured gas production - operation and maintenance	
	718.90	Total natural gas production and gathering - operation and maintenance	
	719.90	Total products extraction - operation and maintenance	
	729.90	Total exploration and development - operation	
		Other gas supply expenses	
730.00		Natural gas purchases	
731.00		Other gas purchases	
731.10		Purchased gas cost adjustment	
732.00		Purchased gas expenses	
733.00		Gas withdrawn from underground storage - debit	
734.00		Gas delivered to underground storage - credit	

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	8 of 9

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
735.00		Gas used in utility operations - credit	
736.00		Other gas supply expenses	
	736.90	Total Other Gas Supply Expenses	
	739.90	Total Production Expenses	
740.00		Operation supervision and labor	
741.00		Gas losses	
742.00		Operation supplies and expenses	
743.00		Storage well royalties	
744.00		Rents	
745.00		Maintenance of reservoirs and wells	
746.00		Maintenance of other underground storage plant	
747.00		Maintenance of other storage plant	
	749.90	Total storage expenses	
	759.90	Total transmission expenses	
	769.90	Total distribution expenses	
	905.90	Total customer accounts expenses	
	910.90	Customer service and informational expenses	
910.00		Sales expenses	
	939.90	Total administrative and general expenses	
	949.90	Total Gas Operation and Maintenance Expenses	

5. Departmental Accounts: Respondents with more than one utility department in their internal organization are required to report the following plant and income accounts on the basis of operating utility departments. Supplemental Account numbers have been established to collect this data. The Supplemental Account numbers will consist of a second decimal place after the appropriate Uniform System of Account numbers as follows: Gas department - XXX.X1; electric department - XXX.X2; common - XXX.X3; other departments - XXX.X5. When the basic number from the Uniform System of Accounts is a whole integer (e.g., 101), the Supplemental Account number will add a zero, in the first decimal place (e.g., 101.0) and then the department code (e.g., 101.01). This has been adopted to insure uniformity with those few accounts from the Uniform System of Accounts with a decimal place (e.g., 401.1).

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
		UTILITY OPERATING INCOME	
400.00	XXX.X1 to	Operating revenues	
401.00	XXX.X5 for	Operation expense	
402.00	each Uniform	Maintenance expense	
403.00	System of	Depreciation and depletion expense	
404.00	Accounts Basic Number	Amortization and limited-term gas plant	

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0124	LIST OF ACCOUNTS - PART IV (NATURAL GAS CLASS C AND CLASS D)	9 of 9

Uniform System of Accounts	Supplemental Accounts	Description	Details on Related Schedules
405.00		Amortization of other gas plant	
406.00		Amortization of gas plant acquisition adjustment	
407.10		Amortization of property losses	
407.20		Amortization of conversion expenses	
408.10		Taxes other than income taxes, utility operating income	
409.10		Income taxes, utility operating income	
410.10		Provision for deferred income taxes, utility operating income	
411.10		Provision for deferred income taxes - credit, utility operating income	
411.40		Investment tax credit adjustments, utility operations	
411.60		Gains from disposition of utility plant	
411.70		Losses from disposition of utility plant	
	411.80	Total Utility Operating Expense	
	411.90	Net Utility Operating Income	

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-C.
2	Amount (N10) DOL.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0132	CAPITAL STOCK	1 of 2

I. DESCRIPTION

This schedule is used to collect selected details on capital stock included in Account 201.00, Common Stock Issued, Account 204.00, Preferred Stock Issued, and Account 217.00, Required Capital Stock.

II. GENERAL INFORMATION

This schedule shall be submitted by the following categories of respondents:

Respondent Category	Data Fields
(1) Class A & Class B Natural Gas and Electric	All
(2) Class C & Class D Natural Gas and Electric	1-4, 6, & 7

B. Respondents shall complete all specified data fields on this schedule annually.

C. Report the particulars called for concerning common and preferred stock at end of year. Report separately each series of and class of preferred stock.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Class and Series of Stock (A40): The designation of each class of preferred stock shall show the dividend rate and whether the dividends are cumulative or noncumulative. Example: Preferred Series A 6% Cumulative. Shares authorized for each class of preferred stock should be shown once under the first series of each class as listed in data field 2. (IDDESC)
3	Number of Shares Authorized by Charter (N8) NO: Show the number of shares authorized by the articles of incorporation (as amended) at end of year.
4	Par or Stated Value Per Share (N5) DOL.
5	Call Price End of Year (N5) DOL.
6	Shares of Capital Stock Outstanding (N8) NO: State the total number of shares outstanding per balance sheet without reduction for amounts held by respondent.
7	Amount of Capital Stock Outstanding (N9) DOL. State the total amount outstanding per balance sheet without reduction for amounts held by respondent.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0132	CAPITAL STOCK	2 of 2

Data Field Number	Instructions
8	Number of Shares Held by Respondent as Reacquired Stock (N6) NO: Enter the total number of shares held by the respondent as reacquired stock as of the balance sheet date.
9	Cost of Reacquired Capital Stock (N7) DOL: Enter the cost of reacquired capital stock included in Account 217.00.
10	Number of Shares Held by Respondent in Sinking and Other Funds (N6) NO.
11	Cost of Stock Held in Sinking and Other Funds (N7) DOL.
12	Other Stock Particulars (A72): Give particulars of any nominally issued capital stock. If stock is pledged, state name of pledgee and purpose of pledge. State the amount of stock authorized by a regulatory commission but not issued at end of year. (IDDESC)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0133	LONG-TERM DEBT	1 of 2

I. DESCRIPTION

This schedule is used to collect selected details on long-term debt included in Accounts 221.00, Bonds and 222.00, Reacquired Bonds.

II. GENERAL INFORMATION

A. This schedule shall be submitted by the following categories of respondents:

Respondent Category	Data Fields
(1) Class A & Class B Natural Gas and Electric	All
(2) Class C & Class D Natural Gas and Electric	1, 2, & 5-9

B. Repondents shall complete all appropriate data fields on this schedule annually.

C. For any long-term debt retired during the year, complete information called for in data fields 1, 2, 6, and 8.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Class and Series Description of Obligation (A50): Enter class and series of long-term debt. For example: First Refunding Mortgage - Series B. (IDDESC)
3	Name of Issuing Company (A35): Enter the name of the company issuing the bonds for any bonds assumed by the respondent. (IDNAME)
4	Associated Company Indicator (N1): If company named in data field 3 above is an associated company, enter "1"; if not, enter "0". (INYONO)
5	Nominal Date of Issue (N6): Enter the date, in the format MMDDYY. (TNDATE)
6	Date of Debt Maturity (N6): Enter the date, in the format MMDDYY. (TNDATE)
7	Amount Outstanding (N9) DOL.
8	Amount of Interest for Year (N7) DOL: List the amount of interest expense for the year related to long-term debt listed in data field 2 above. Include any interest expense incurred

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0133	LONG-TERM DEBT	2 of 2

Data Field Number	Instructions
8 (cont'd)	during the year on any obligation retired or reacquired before end of year. Explain in a footnote, any difference between total of data field 8 and the total of Account 427.00, Interest on Long-Term Debt, and Account 430.00 Interest on Debt to Associated Companies.
9	Interest Rate of Debt (N2.3) PCT.
10	Reacquired Bonds Held by Respondent (N9) DOL: Enter the cost of reacquired bonds included in Account 222.00.
11	Sinking and Other Funds Held by Respondent (N9) DOL.
12	End of Year Redemption Price Per $100 (N3.2) DOL: Enter the redemption price (per $100) as of the end of the year. If noncallable, leave data field blank.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0141	INVESTMENT TAX CREDITS	1 of 2

I. DESCRIPTION

This schedule is used to collect information related to investment tax credits for the years 1962 to date.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule in their first submission. On subsequent submissions, respondents shall submit only appropriate identification (key data fields and data fields 2 and 4) and changed values, additions, and deletions.

C. This schedule shall be prepared by the respondent regardless of the method of accounting adopted for the investment tax credits. The schedule collects details by years for all investment tax credits generated and utilized by the respondent beginning with 1962 through the current year. The required information for each year should be presented as adjusted at year end to reflect corrections of estimated amounts, carryback or carryforward of unused credits.

D. In the initial submission of this schedule, respondents will indicate Code "1" in data field 3 for each year's data. For subsequent submissions, respondents will use "1" (original) or "2" (corrected) as appropriate.

E. For electric respondents with more than one department, report tax credit for the electric department and the total of tax credits for all other departments. For natural gas respondents with more than one department, report tax credits for the gas department and the total of tax credits of all other departments.

II. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Year (N4): Beginning with 1962 enter the year. (TMYEAR)
2	Rate (N2) PCT: Indicate 03 percent, 04 percent, 07 percent, 10 percent, 11 percent credits or other appropriate percent credits.
3	Indicator Original/Corrected (N1): Enter "1" at time of original submission. On subsequent submissions, enter "1" (original) or "2" (corrected) as appropriate. (INETOR)
4	Department (A3): Enter one of the following abbreviations to indicate department or operation: (TYUTIL) ELC = electric GAS = gas OTH = other

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0141	INVESTMENT TAX CREDITS	2 of 2

Data Field Number	Instructions
5	Credit Generated (N10) DOL: Enter the amount of investment tax credits generated from properties used in utility operations.
6	Credit Utilized (N10) DOL: Enter the amount of generated credits utilized in computing the Federal income tax liability for the year.
7	Unused Credit Available (N10) DOL: Enter the amount of unused tax credits available at end of each year.
8	Weighted Average Life of Property (N3.2) PCT: Enter the weighted average useful life of all eligible properties subject to the credit.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0144	PLANT IN SERVICE OR ALL UTILITY PLANT CLASS C AND CLASS D - PART II	1 of 2

I. DESCRIPTION

This schedule is used to collect detailed information on the additions, retirements, adjustments, transfers and end of year balances for utility plants.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. The following Uniform System of Accounts and Supplemental Accounts are to be reported by the appropriate respondents on this schedule.

Uniform System of Accounts	Supplemental Accounts	Description
Electric Respondents		
		ELECTRIC PLANT IN SERVICE
	303.90	Intangible plant
	319.90	Steam production
	339.90	Hydraulic production
	347.90	Other production
	359.90	Transmission plant
	379.90	Distribution plant
	399.90	General plant
101.00		Electric plant in service (total)
102.00		Electric plant purchased or sold
103.00		Electric plant in process of reclassification
104.00		Electric plant leased to others
105.00		Electric plant held for future use
107.00		Construction work in progress - electric
114.00		Electric plant acquisition adjustments
116.00		Other electric plant adjustments
118.00		Other utility plant
	119.90	Total Utility Plant
Natural Gas Respondents		
		GAS PLANT IN SERVICE
	303.90	Intangible plant
	320.90	Manufactured gas production plant
	339.90	Natural gas production and gathering plant
	347.90	Products extraction plant
	349.90	Total production plant
	359.90	Underground storage plant
	363.90	Local storage plant
	372.90	Transmission plant

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0144	PLANT IN SERVICE OR ALL UTILITY PLANT CLASS C AND CLASS D - PART II	2 of 2

Uniform System of Accounts	Supplemental Accounts	Description
	389.90	Distribution plant
	399.90	General plant
101.00		Total gas plant in service
102.00		Gas plant purchased or sold
103.00		Gas plant in process of reclassification
104.00		Gas plant leased to others
105.00		Gas plant held for future use
107.00		Construction work in progress - gas
114.00		Gas plant acquisition adjustments
116.00		Other gas plant adjustments
118.00		Other utility plant
	119.90	Total Utility Plant

D. Credit balances in data fields 2, 4, 5 and 6 should be indicated by a minus sign (-). Debit balances for plant retired (data field 3) should also be indicated by a minus sign.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Enter the appropriate plant account number.
2 (Key)	Additions to Plant (N9) DOL: Enter additions for current year.
3	Retirements to Plant (N9) DOL: Enter retirements for current year.
4	Adjustments to Plant (N9) DOL: Enter the dollar amount of adjustments to plant account listed in data field 1 above.
5	Transfers of Plant in Service (N9) DOL: Enter reclassifications or transfers to plant within utility plant accounts or transfer from the detail plant in service function to another function.
6	Plant Balance End of Year (N10) DOL.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0159	OPERATING REVENUES	1 of 2

I. DESCRIPTION

This schedule is used to collect information pertaining to sales of electricity or natural gas and the number of utility customers for the year.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. Natural gas respondents shall complete data fields 1-3 annually. Electric respondents shall complete data fields 1, 4 and 5 annually. Jurisdictional respondents for both natural gas and electric shall complete all data fields annually.

C. Report the requested information for the year for each of the following prescribed accounts:

1. Class A, Class B, Class C and Class D Electric respondents:

Uniform System of Accounts	Supplemental Accounts	Description
440.00		Residential sales
442.00		Commercial and industrial sales
	442.10	Small or commercial customers
	442.20	Large or industrial customers
444.00		Public street and highway lighting
445.00		Other sales to Public Authorities
447.00		Sales for resale
448.00		Interdepartmental sales
449.00		Other sales
	449.90	Total Sales of Electricity

2. Class A, Class B, Class C and Class D Natural Gas respondents:

Uniform System of Accounts	Supplemental Accounts	Description
480.00		Residential sales
481.00		Commercial and industrial sales
	481.10	Small or commercial customers
	481.20	Large or industrial customers
482.00		Other sales to Public Authorities
483.00		Sales for resale
484.00		Interdepartmental sales
	485.90	Total Sales of Gas

D. Number of customers shall be reported on the basis of number of meters, plus number of flat rate accounts, except that where separate meter readings are added for billing purposes, one customer should be counted for each group of meters so added. The average number of customers means the average of the 12 figures at the close of each month.

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0159	OPERATING REVENUES	2 of 2

E. Natural gas means either natural gas unmixed or any mixture of natural and manufactured gas.

F. The classification of commercial and industrial sales according to small customer or commercial and large customer or industrial, may be according to the basis of classification regularly used by the respondent, provided such basis of classification is not greater generally than 1000 KW of demand for electricity or 200,000 MCF per year for natural gas companies.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2	Average Number of Monthly Natural Gas Customers (N7) NO.
3	Annual MMCF of Natural Gas Sold (N9.3) MMCF: Enter the annual MMCF, rounded to three decimal places.
4	Average Number of Monthly Electric Customers (N7) NO.
5	Annual MWH of Electricity Sold (N10) MWH.

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I. DESCRIPTION

This schedule is used to collect detailed information supporting the accounting entries of certain of the balance sheet accounts of the Uniform System of Accounts.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. The following accounts are included in this schedule:

Uniform System of Accounts	Supplemental Accounts	Description
123.00		Investment in associated companies
123.10		Investment in subsidiary companies
124.00		Other investments
136.00		Temporary cash investments
145.00		Notes receivable from associated companies
146.00		Accounts receivable from associated companies
181.00		Unamortized debt expense
187.00		Deferred losses from disposition of utility plant
189.00		Unamortized loss on reacquired debt
215.00		Appropriated retained earnings
223.00		Advances from associated companies
224.00		Other long-term debt
225.00		Unamortized premium on long-term debt
226.00		Unamortized discount on long-term debt
233.00		Notes payable to associated companies
234.00		Accounts payable to associated companies
256.00		Deferred gains from disposition of utility plant
257.00		Unamortized gain on reacquired debt

Class A and Class B respondents report the details for all accounts listed on this schedule. Class C and Class D respondents report the details for Account 215.00 only.

C. Respondents shall report the information for each account listed above as specified in Part III, Detailed Instructions. Not every data field is required for every account. The data fields for each account shall be reported annually.

D. Total debits and credits for each account listed on this schedule should be provided for as the last entry for each account in data fields 3 and 4. Report the word "Total" in data field 2. Then report in data field 3 the total debits to the account, and in data field 4 the total credits to the account.

III. DETAILED INSTRUCTIONS

Instructions, cross-referenced to the schedule layout by data field number, are given below for each account to be reported.

Accounts 123.00, 123.10, & 124.00

Report particulars for investments in associated and subsidiary companies and in other investments.

Investments in amounts of less than $10,000 may be grouped. For grouped items, enter the word "Other" in data field 2 together with the number of items grouped, i.e., Other (12). Report data for the grouped items in data fields 3, 4 and 5.

In reporting Account 123.10, include information pertaining to all investments other than common stock accounted for on the equity basis of accounting. Common stock investments under equity accounting should be included on Schedule 0125.

In reporting Account 124.00, do not include information pertaining to advances which are reported on Schedule 0142.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2)
2 (Key)	Description (A50): List separately each investment included in these accounts at any time during the year by the following groupings: Stock Bonds Advances Notes Other Provide a brief description of each investment to include name of issuer and where appropriate, the date acquired, the date issued and interest rate, i.e., Stock - ABC Corporation - 8/25/75 Note - XYZ Co. - 5/10/75 - 8% Stock - BCD Inc. - 3/1/75 Advances - Jones Corp. Bonds - Industrial Development - 8% State "Total" as last entry for each account. (IDDESC)
3	Debits - Amount (N9) DOL: Enter the amount of all purchases or other additions made during the year of the investment listed in data field 2 above.
4	Credits - Amount (N9) DOL: Enter the amount of all sales or other disposition made during the year of the investment listed in data field 2 above.
5	Balance End of Year (N9) DOL: Enter amount of investment at end of year.

Data Field Number	Instructions
6	Particulars (N60): For advances which are open accounts, state "Open Account". For any investments which are pledged, state the name of the pledgee and the purpose of the pledge. For any investment which received the approval of a regulatory commission, give the name of the commission, date of authorization and the case or docket number. (IDDESC)
7	Principal Amount/Number of Shares (N9) NO.: For investments in bonds, enter the principal amount as of the end of the year. For investments in stock, enter the number of shares outstanding at the end of the year.
8	Revenues for Year (N8) DOL: Enter interest and dividends earned from investments during the year, including any revenues from securities disposed of during the year.
9	Date of Maturity (N6): Enter the date of maturity for each note or bond, in the format MMDDYY. (TMDATE)
10	Amount of Loss (N9) DOL: Enter the loss realized on disposition of the investment during the year.
11	Amount of Gain (N9) DOL: Enter the gain realized on disposition of the investment during the year.

Account 136.00.

Report information on temporary cash investments. Investments of less than $50,000 may be grouped. For grouped items enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data fields 3, 4 and 5.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): List separately each investment involved in this account by the following groupings: Notes Treasury Bills Commercial Paper Certificates of Deposit Other Provide a brief description of each investment to include name of issuer and where appropriate the date acquired and interest rate, i.e., Notes - General Motors Acceptance Corp. - 10/15/75 - 8%

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Data Field Number	Instructions
2 (cont'd)	State "Total" as last entry. (IDDESC)
3	Debits - Amount (N9) DOL: Enter the amount of all purchases or other additions of the investment listed in data field 2 above, made during the year.
4	Credits - Amount (N9) DOL: Enter the amount of all sales or other disposition of the investment listed in data field 2 above, made during the year.
5	Balance End of Year (N9) DOL: Enter amount of investment at end of year.
8	Interest/Revenues for Year (N8) DOL: Enter the interest earned from the investment during the year.
10	Amount of Loss (N9) DOL: Enter the loss realized on disposition of the investment during the year.
11	Amount of Gain (N9) DOL: Enter the gain realized on disposition of the investment during the year.

Accounts 145.00, 146.00, 233.00, & 234.00

Report information on transactions with associated companies.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): For notes receivable or notes payable, state name of associated company, the date of note and interest rate. For accounts receivable or accounts payable, state name of associated company. State "Total" as last entry for each account. (IDDESC)
3	Debits - Amount (N9) DOL: Enter the total amount of debits for year for each note or account listed in data field 2 above.
4	Credits - Amount (N9) DOL: Enter the total amount of credits for year for each note or account listed in data field 2 above.
5	Balance End of Year (N9) DOL.
6	Particulars (A60): For each note, state the purpose for which the note was issued or received. If any note was received in satisfaction of any open account, state the number of years the account was open. For any note or account pledged or discounted, state the name of the third party. (continued)

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Data Field Number	Instructions
6 (cont'd)	If the respondent is holding collateral in connection with a note or open account, state the type and value of the collateral. (IDDESC)
8	Interest for Year (N8) DOL: Enter interest recorded during the year on accounts and notes listed in data field 2 above.
9	Date of Maturity (N6): For each note enter the date of maturity, in the format MMDDYY. (TMDATE)

Accounts 181.00, 225.00, & 226.00

Report information on unamortized expense, premium and discount on long-term debt.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): List the type of debt followed by the class and series of debt, i.e., First Mortgage Bonds - Series H - 6 1/8% Convertible Debentures - 6 1/4% Pollution Control Bonds - 7% State "Total" as last entry for each account. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Balance End of Year (N9) DOL.
6	Particulars (A60): Explain the planned disposition for any undisposed amounts applicable to issues which were redeemed in prior years. (IDDESC) Explain the nature of any debits and credits other than amortization debited to Account 428.00, Amortization of Debt Discount and Expense, or credited to Account 429.00, Amortization of Premium on Debt - Credit.
9	Date of Maturity (N6): Enter the date of maturity of the related debt issue, in the format MMDDYY. (TMDATE)
12	Period of Amortization (A5): Enter the period amortization was debited to Account 428.00, in the format YY-YY. (IDDESC)

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Accounts 187.00, & 256.00

Report information related to deferrals of losses or gains to disposition of utility plant. Losses or gains on property with an original cost of less than $50,000 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data fields 3, 4 and 5.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Give a brief description of the property creating the deferred loss or gain and the date the loss or gain was originally recognized. Enter "Total" as last entry for each account. (IDDESC)
3	Debits - Amount (N9) DOL: For Account 187.00, enter the total amount of losses incurred from the disposition of utility plant during the year. For Account 256.00, enter the total amount of amortizations (to Account 411.60) of previously recorded gains during the year.
4	Credits - Amount (N9) DOL: For Account 187.00, enter the amount of amortizations during the year (to Account 411.70) of previously recorded losses. For Account 256.00, enter the total amount of gains resulting from the disposition of utility plant during the year.
5	Balance End of Year (N9) DOL.
6	Particulars (A60): Give the date of Commission approval of journal entries. Where approval has not been received, give explanation. (IDDESC)
10	Amount of Loss (N9) DOL: For Account 187.00, enter the amount of original loss on the disposition of the property.
11	Amount of Gain (N9) DOL: For Account 256.00, enter the amount of original gain on the disposition of the property.

Accounts 189.00 & 257.00

Report information on reacquired debt. Gains or losses of less than $25,000 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data fields 3, 4 and 5.

If certain series of debt were reacquired at different times during the year, the information should be summarized and the totals reported in data fields 2-11.

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Gains and losses on particular class and series of debt reacquired during a year should not be netted, but the resulting gain or loss amounts should be classified and reported as either Account 189.00 or 257.00

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Enter the type, class of debt and the year(s) the debt was reacquired, i.e., Sinking Fund Debentures - 5% - 1974 Sinking Fund Debentures - 5% - 1975 Enter "Total" as last entry for each account. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Balance End of Year (N9) DOL.
6	Particulars (A60): If gain or loss resulted from a refunding transaction, state the maturity date of the new issue. (IDDESC) Explain any debits and credits other than amortization debited to Account 428.10, Amortization of Loss on Reacquired Debt or credited to Account 429.10, Amortization of Gain on Reacquired Debt - Credit.
7	Principal Amount (N9) DOL: Enter the principal amount of debt listed in data field 2 above, reacquired during the year.
9	Date of Maturity (N6): Enter the maturity date of long-term debt, in the format MMDDYY. (TMDATE)
10	Amount of Loss (N9) DOL: Enter the amount of loss realized for the year for each class and series of debt listed in data field 2 above.
11	Amount of Gain (N9) DOL: Enter the amount of gain realized from the year for each class and series of debt listed in data field 2 above.

Account 215.00

Report information on appropriations of retained earnings.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)

Data Field Number	Instructions
2 (Key)	Description (A50): Describe the purpose of each appropriation of retained earnings. Enter "Total" as last entry. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Balance End of Year (N9) DOL.
6	Particulars (A60): Explain the nature of any debit entries to this account during the year. (IDDESC)

Accounts 223.00 & 224.00

Report information on advances from associated companies and other long-term debt.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): For each advance made by an associated company included in Account 223.00, enter the name of the associated company. For other long-term debt included in Account 223.00, describe the nature of the debt. Enter "Total" as last entry for each account. (IDDESC)
3	Debits - Amount (N9) DOL: For advances, enter the principal amount repaid and any other debit entries during the year to the associated company listed in data field 2 above. For other debt, enter the principal amount and any other debit entries repaid during the year.
4	Credits - Amount (N9) DOL: For advances, enter the principal amount advanced and any other credit entries during the year by the associated company entered in data field 2 above. For other debt, enter the principal amount and any other credit entries issued during the year.
5	Balance End of Year (N9) DOL.
6	Particulars (A60): For associated company advances, state whether the advance is a note (demand or otherwise) or open account. If advance was authorized by a commission, state the name of the commission and date approved. For Account 223.00, enter the date the note was issued and the interest rate. (IDDESC)
8	Interest/Revenue for Year (N8) DOL: Enter the amount of interest for the year associated with the advances and other debt entered in data field 2 above.

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0162	DETAILED ACCOUNT DATA - PART II	1 of 12

I. DESCRIPTION

This schedule is used to collect detailed information supporting the accounting entries to certain balance sheet and retained earning accounts of the Uniform System of Accounts and the Supplemental Accounts.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. The following accounts are included on this schedule:

Uniform System of Accounts	Supplemental Accounts	Description
114.00		Utility plant acquisition adjustments
115.00		Accumulated provision for amortization of utility plant acquisition adjustments
116.00		Other utility plant adjustments
120.10		Nuclear fuel in process of refinement, conversion, enrichment and fabrication
	120.11	Nuclear fuel in process - fabrication
	120.12	Nuclear fuel in process - nuclear materials
	120.13	Nuclear fuel in process - allowance for funds used during construction
	120.14	Nuclear fuel in process - other overhead
120.20		Nuclear fuel materials and assemblies - stock account
120.30		Nuclear fuel assemblies in reactor
120.40		Spent nuclear fuel
120.50		Accumulated provision for amortization of nuclear fuel assemblies
121.00		Nonutility property
122.00		Accumulated provision for depreciation and amortization of nonutility property
	144.10	Accumulated provision for uncollectable accounts - utility customers
	144.20	Accumulated provision for uncollectable accounts - merchandise, jobbing, and contract work
	144.30	Accumulated provision for uncollectable accounts - officers and employees
	144.40	Accumulated provision for uncollectable accounts - other
157.00		Nuclear materials held for sale
	157.10	Nuclear materials held for sale - uranium
	157.20	Nuclear materials held for sale - plutonium
	157.30	Nuclear materials held for sale - other
182.00		Extraordinary property losses
183.00		Preliminary survey and investigation charges
183.10		Preliminary natural gas survey and investigation charges

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0162	DETAILED ACCOUNT DATA - PART II	2 of 12

Uniform System of Accounts	Supplemental Accounts	Description
183.20		Other preliminary survey and investigation charges
186.00		Miscellaneous deferred debits
209.00		Reduction in par or stated value of capital stock
210.00		Gain on resale or cancellation of reacquired capital stock
211.00		Miscellaneous paid-in capital
213.00		Discount on capital stock
214.00		Capital stock expense
216.10		Unappropriated undistributed subsidiary earnings
253.00		Other deferred credits
	255.10	Accumulated deferred investment tax credits - electric or gas department
	255.20	Accumulated deferred investment tax credits - other departments
261.00		Property insurance reserve
262.00		Injuries and damages reserve
263.00		Pensions and benefits reserve
264.00		Amortization reserve - Federal
265.00		Miscellaneous operating reserves
437.00		Dividends declared - preferred stock
438.00		Dividends declared - common stock
439.00		Adjustments to retained earnings

Class A and Class B Electric respondents report the detail for all accounts above except Accounts 183.10 and 183.20.

Class A and Class B Natural Gas respondents report the detail for all accounts above except Accounts 120.10 through 120.50, 157.00 through 157.30, 183.00 and 264.00.

Class C and Class D Natural Gas and Electric respondents report only the detail for Accounts 216.00, 255.10, 255.20, 437.00, 438.00 and 439.00.

C. Respondents shall report the information for each account as specified in Part III, Detailed Instructions. Not every data field is required for every account. The data fields for each account shall be reported annually.

D. Data fields 5 or 6 provide space for entry of one account number. If more than one account has been debited or credited for the item listed in data field 2, list the major account in data field 5 or 6 and the remaining accounts in data field 8, Particulars.

III. DETAILED INSTRUCTIONS

Instructions, cross-referenced to the schedule layout by data field number, are given below for each account to be reported.

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Accounts 114.00, 115.00 & 116.00

Report particulars for utility plant acquisition or other adjustments.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Explain the nature of each plant acquisition adjustment in Account 114.00 and plant adjustment in Account 116.00. For companies who utilize Account 115.00, provide the same description for each acquisition adjustment as provided under Account 114.00. Include the name of the company from which the property was acquired. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Contra Account Credited (N3.2): (ACCTML)
6	Contra Account Debited (N3.2): (ACCTML)
8	Particulars (A60): For acquisition adjustments occuring during the year, state date of transaction and date journal entries clearing Account 102.00, Plant Purchased or Sold, were accepted for filing by the Commission. Give the date Commission authorized the amortization of acquisition adjustments. Explain the plan of disposition of any acquisition adjustments not currently being amortized. (IDDESC)
9	Balance End of Year (N10) DOL.
10	Period of Amortization (A5): Enter the period of amortization by years, in the format YY-YY, i.e., 74-79. (IDDESC)

Accounts 120.10 through 120.14, 120.20 through 120.50, & 157.00 through 157.30

Report the costs incurred for nuclear fuel materials on hand, in reactor, and in cooling owned by the respondent.

If the nuclear fuel stock is obtained under leasing arrangements, details of the leasing arrangements should be included on Schedules 0170 and 0171.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
3	Debits - Amount (N9) DOL: Enter the amount of additions during year.

Data Field Number	Instructions
4	Credits - Amount (N9) DOL: Enter the amount transferred, amortized during year or the amount of other reductions to the cost of nuclear fuel made during the year.
8	Particulars (A60): Explain the nature of all credit entries to Accounts 120.10 through 120.14, except transfers to Account 120.20. For Accounts 120.20, 120.30 and 120.40, state the estimated net salvage value of nuclear materials related to nuclear fuel included in each account. Explain the reason for any adjustments (data field 7) to the cost previously recorded in these accounts. (IDDESC)
9	Balance End of Year (N10) DOL.

Account 121.00

Report particulars for nonutility property.

Information on specific property having a cost under $100,000 should be grouped. For grouped items, enter the word "Other" in data field 2 with the number of item grouped, i.e., Other (12). Report data for the grouped items in data field 3, 4, and 9. Properties previously devoted to public service are separate and distinct from those allowed to be grouped under this instruction.

Total debits and credits should be provided for in data fields 3 and 4. Report the word "Total" as the last item in data field 2, in the first five spaces, and in data field 3, the total debits to the account and in data field 4, the total credits to the account.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Give a brief description and state the location (city, state) of nonutility property. (IDDESC)
3	Debits - Amount (N9) DOL: Enter the cost of any property described in data field 2 above, which was purchased or otherwise transferred to Account 121.00 during the year.
4	Credits - Amount (N9) DOL: Enter the cost of property described in data field 2 above, which was sold or otherwise transferred from Account 121.00 during the year.
8	Particulars (A60): List details of sales, purchases or transfers of nonutility property. For all property previously devoted to public service list date of transfer to Account 121.00. (IDDESC)
9	Balance End of Year (N10) DOL.

Data Field Number	Instructions
11	Name of Company/Department (A35): If property is leased to another company, enter the name of lessee in this data field. (IDNAME)

Account 122.00

Report particulars for depreciation and amortization of nonutility property.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Enter the word "Total". (IDDESC)
3	Debits - Amount (N9) DOL: Enter the total debits to Account 122.00 for the year. Total debits include the book cost of plant retired, the cost of removal and any other debit adjustments to the reserve.
4	Credits - Amount (N9) DOL: Enter the total credits to Account 122.00 for the year. Total credits include depreciation and amortization accruals for the year, salvage and any other credit adjustments by the reserve.
9	Balance End of Year (N10) DOL: Enter the end of year balance for accumulated depreciation and amortization of nonutility property.

Accounts 144.10 through 144.40

Report particulars for uncollectable accounts.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
3	Debits - Amount (N9) DOL: Enter the total debits for the year to each supplemental account listed in data field 1 above. Total debits include all accounts written off and other debit adjustment to the reserve.
4	Credits - Amount (N9) DOL: Enter the total credits for the year to each supplemental account listed in data field 1 above. Total credits include the annual provision for uncollectable accounts for the year, collections of accounts previously written off and any other credit adjustments to the reserve.
9	Balance End of Year (N10) DOL.

Account 182.00

Report particulars for extraordinary property losses.

Total debits and credits should be provided for in data fields 3 and 4. Report the word "Total" as the last item in data field 2, in the first five space, and in data field 3, the total debits to the account and in data field 4, the total credits to the account.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Provide a description of each property loss included in this account. (IDDESC)
3	Debits - Amount (N9) DOL: Enter the amount of any additional extraordinary property losses incurred during the year from property described in data field 2 above.
4	Credits - Amount (N9) DOL: Enter the amount of extraordinary property losses charged off during the current year relative to property described in data field 2 above.
6	Contra Account Debited (N3.2): Enter the contra account debited with losses charged off during the year (data field 4 above). (ACCTML)
8	Particulars (A60): Enter date of abandonment or loss and date of Commission authorizing for use of Account 182.00. (IDDESC)
9	Balance End of Year (N10) DOL.
10	Period of Amortization (A5): Enter period of amortization by year, in the format YY-YY, i.e., 74-84. (IDDESC)

Accounts 183.00 or 183.10 and 183.20

Report particulars for expenditures for preliminary survey.

Preliminary survey items with total expenditures to date under $50,000 should be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data fields 3, 4 and 9.

Total debits and credits should be provided for in data field 3 and 4. Report the word "Total" as the last item in data field 2, in the first five spaces, and in data field 3 the total debits to the account and in data field 4 the total credits to the account.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Describe the nature and purpose of each project for which preliminary survey and investigation work has been done for the purpose of determining the feasibility of projects under contemplation. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
6	Contra Account Debited (N3.2): (ACCTML)
9	Balance End of Year (N10) DOL.

Account 186.00

Report particulars for miscellaneous deferred debits.

Deferred debit items of less than $25,000 should be grouped. For grouped items enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12), Report data for the grouped items in data fields 3, 4 and 9.

Total debits and credits should be provided for in data fields 3 and 4. Report the word "Total" as the last item in data field 2, in the first five spaces, and in data field 3 the total debits to the account and in data field 4 the total credits to the account.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Give a brief description of the nature of the miscellaneous deferred debit item. Miscellaneous work in progress and regulatory commission expenses should be stated separately under the following titles: (IDDESC) Miscellaneous Work in Progress Deferred Regulatory Commission Expenses
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
6	Contra Account Debited (N3.2): (ACCTML)
9	Balance End of Year (N10) DOL.
10	Period of Amortization (A5): For any deferred debit being amortized, enter the period of amortization, in the format YY-YY, i.e., 74-79. (IDDESC)

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Accounts 209.00, 210.00, 211.00, 213.00 and 214.00

Report particulars for other paid-in capital accounts.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): For Accounts 210.00, 213.00 and 214.00, state the class and series of stock to which each debit and credit are related. For Accounts 209.00 and 211.00, state the general nature of transactions which gave rise to the reported amounts. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Contra Account Credited (N3.2): (ACCTML)
6	Contra Account Debited (N3.2): (ACCTML)
9	Balance End of Year (N10) DOL.

Account 216.10

Report particulars for unappropriated undistributed subsidiary earnings.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Enter the word "Total". (IDDESC)
3	Debits - Amount (N9) DOL: Enter the amount of dividend received from subsidiaries and any other debit entries to this account during the year.
4	Credits - Amount (N9) DOL: Enter the amount of equity in subsidiary earnings and any other credit entries to this account during the year. Subsidiary losses should be included in data field 5 below, with the notation "Subsidiary Loss" included in data field 8 below.
5	Contra Account Credited (N3.2): (ACCTML)
8	Particulars (A60): Explain the nature of any debit or credit amounts included in data fields 4 or 5, other than subsidiary earnings or dividends. (IDDESC)
9	Balance End of Year (N10) DOL.

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Account 253.00

Report particulars for other deferred credits.

Report under this account any advance billings or receipts for gas sales or service classified in Account 253.00, but not related to take-or-pay arrangements. Take-or-pay arrangements should be included on Schedule 0131.

Other deferred credits of less than $25,000 should be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data fields 3, 4 and 9.

Total debits and credits should be provided for in data fields 3 and 4. Report the word "Total" as the last item in data field 2, in the first five spaces, and in data field 3 the total debits to the account and in data field 4 the total credits to the account.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): Give a brief description of the nature of the other deferred credit item. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Contra Account Credited (N3.2): (ACCTNL)
9	Balance End of Year (N10) DOL.
10	Period of Amortization (A5): For any deferred credit being amortized, enter the period of amortization, in the format YY-YY, i.e., 74-79. (IDDESC)

Account 255.00

Report particulars for investment tax credits.

Information on investment tax credits should be stated separately for each of the applicable credit percentages. Do not group credit percentages.

Electric respondents with more than one utility department should report as the last entry for Account 255.10, the total of accumulated deferred investment tax credits for their electric department and as the last entry for Account 255.20, the total of accumulated deferred investment tax credits for all other departments combined. Natural Gas respondents with more than one utility department should report as the last entry for Account 255.10, the total of accumulated deferred investment tax credits for their gas department and as the last entry for Account 255.20, the total of accumulated deferred credits for all other departments combined.

Respondents with only one utility department should report in data field 1, Account 255.00.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): In the first two spaces of data field 2, enter one of the following values: "03", "04", "07", "10" or "11" to indicate the appropriate investment tax credit rate. (IDDESC)
3	Debits - Amount (N9) DOL: Enter the amount of investment tax credits amortized to current year income related to each credit listed in data field 2 above.
4	Credits - Amount (N9) DOL: Enter the amount of investment tax credits deferred for the current year related to each credit listed in data field 2 above.
5	Contra Account Credited (N3.2): (ACCTNL)
6	Contra Account Debited (N3.2): (ACCTNL)
7	Adjustments - Amount (N9) DOL: Enter any adjustment of investment tax credit amounts previously recorded for this account.
8	Particulars (A60): Explain the reason for any adjustments (data field 7 above) to the account balance. Also include in this data field the amount of credits deferred for the year associated with leased property in the following manner: Leased property - $1,000,000. (IDDESC)
9	Balance End of Year (N10) DOL.
10	Period of Amortization (A5): Enter the average period over which the investment tax credits will be amortized to income, in the format YY-YY, i.e., 75-95. (IDDESC)

Accounts 261.00, 262.00, 263.00, 264.00, 265.00

Report particulars for operating reserve accounts.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): For accounts 216.00, 262.00, 263.00 and 264.00, state the nature of each entry included in data fields 3 and 4. For Account 265.00, identify each reserve therein separately and state the nature of the entry. If

Data Field Number	Instructions
2 (cont'd)	the entries in data fields 3-6 affect more than one department, indication of each department affected should be made by placing letter E (electric), G (gas) or O (other) at the end of this data field. (IDDESC)
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Contra Account Credited (N3.2): (ACCTML)
6	Contra Account Debited (N3.2): (ACCTML)
8	Particulars (A60): For Account 261.00, Property Insurance Reserve and 262.00, Injuries and Damages Reserve, explain the nature of the risks covered by the reserves. (IDDESC)
9	Balance End of Year (N10) DOL.

Accounts 437.00 & 438.00

Report particulars for dividends declared.

Data Field Numbers	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): For Account 437.00, state the class and series of stock and the type of dividend (cash, stock, other forms). For Account 438.00, state the type of dividend and the dividend rate per share. Provide a detailed description if dividends are in forms other than cash or stock. (IDDESC)
9	Amount for Year (N10) DOL: Enter the total amount of dividends for each class and series listed in data field 2 above.

Account 439.00

Report particulars for adjustments to retained earnings.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Describe briefly each debit or credit adjustment to retained earnings. The income tax effect of each adjustment to retained earnings should be included in data field 3 or 4 below, as appropriate. (IDDESC)

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Data Field Number	Instructions
3	Debits - Amount (N9) DOL.
4	Credits - Amount (N9) DOL.
5	Contra Account Credited (N3.2): (ACCTML)
6	Contra Account Debited (N3.2): (ACCTML)

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I. DESCRIPTION

This schedule is used to collect detailed information supporting end of year balances or amounts for certain of the Uniform System of Accounts and the Supplemental Accounts.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas and Electric respondents.

B. The following accounts are included on this schedule:

Uniform System of Accounts	Supplemental Accounts	Description
154.00		Plant materials and operating supplies
	165.10	Prepaid insurance
	165.20	Prepaid rent
	165.30	Prepaid taxes
	165.40	Prepaid interest
	165.50	Gas prepayments
	165.60	Other prepayments
174.00		Miscellaneous current and accrued assets
202.00		Common stock subscribed
203.00		Common stock liability for conversion
205.00		Preferred stock subscribed
206.00		Preferred stock liability for conversion
207.00		Premium on capital stock
208.00		Donations received from stockholders
212.00		Installments received on capital stock
242.00		Miscellaneous current and accrued liability
	252.10	Customer advances for construction - electric department
	252.20	Customer advances for construction - gas department
	252.30	Customer advances for construction - other
419.00		Interest and dividend income
421.00		Miscellaneous nonoperating income
	421.10	Gain on disposition of property
	421.20	Loss on disposition of property
425.00		Miscellaneous amortization
	426.10	Miscellaneous income deductions - donations
	426.20	Miscellaneous income deductions - insurance
	426.30	Miscellaneous income deductions - penalties
	426.41	Expenditures for certain civic, political and related activities - radio, television, and motion picture advertising
	426.42	Expenditures for certain civic, political and related activities - newspaper, magazine and pamphlet advertising
	426.43	Expenditures for certain civic, political and related activities - inserts in customers' bills or reports to stockholders

Uniform System of Accounts	Supplemental Accounts	Description
	426.44	Expenditures for certain civic, political and related activities - newspaper and magazine editorial services
	426.45	Expenditures for certain civic, political and related activities - other advertising
	426.46	Expenditures for certain civic, political and related activities - expenses other than advertising
426.50		Miscellaneous income deductions - other deductions
430.00		Income on debt to associated companies
431.00		Other interest expenses
436.00		Appropriations of retained earnings
813.00		Other gas supply expenses
858.00		Transmission and compression of gas by others
930.30		Industry association dues
930.40		Nuclear power, experimental and general research expenses
930.50		Stockholder expenses
930.60		Other expenses

Class A and Class B Electric respondents report detail for all accounts listed above except Account 165.10 through 165.60, 491.00, 813.00 and 858.00.

Class A and Class B Natural Gas respondents report detail for all accounts listed above.

Class C and Class D Electric and Natural Gas respondents report detail for Accounts 426.41 through 426.46 and 436.00.

C. Respondents shall report the information for each account as specified in Part III, Detailed Instructions. Not every data field is required for every account. The data fields for every account shall be reported annually.

III. DETAILED INSTRUCTIONS

Instructions, cross-referenced to the schedule layout by data field number, are given below for each account to be reported.

Account 154.00

Report information for plant materials and operating supplies.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
2 (Key)	Description (A50): Furnish a breakdown of plant materials and operating supplies included in Account 154.00, according to the general character of the items. Examples: (IDDESC)

Electric	Gas
Poles and pole materials	Steel pipe line
Steel tower and fittings	Well casing
Conductor-wire-cable-insulators	Valves and fittings
Substation materials	Meters, regulators and parts
Underground materials	Miscellaneous machine parts, tools & electrical supplies
Other operations:	Compressor station engine parts
Maintenance materials	Building materials, poles, paint, etc.
Auto parts & supplies	Miscellaneous equipment & supplies
Stationery & supplies	
Production M&S and spare	

3	Balance End of Year (N10) DOL.
4	Particulars (A60): State the amount of any important inventory adjustment made during the year to the classes of material listed in data field 2 above. For any class of material listed in data field 2 above, that pertains to other than the primary department, state in this data field the department affected. (IDDESC)

Accounts 165.10 - 165.60

Natural Gas respondents report information on prepayments.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
2	Description (A50): Furnish a description for any prepayment reported in Supplemental Account 165.60, Other Prepayments. (IDDESC)
3	Balance End of Year (N10) DOL.

Accounts 174.00 & 242.00

Report information on miscellaneous current and accrued assets and liabilities or liabilities of less than $25,000 may be grouped. For grouped items, enter the word

"Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data field 3.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
2 (Key)	Description (A50): Describe current and accrued assets or liabilities. (IDDESC)
3	Balance End of Year (N10) DOL.

Accounts 202.00, 203.00, 205.00, 206.00, 207.00, 208.00 and 212.00

Report information on other capital stock accounts.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
2	Description (A50): For Accounts 202.00 and 205.00, enter the subscription price on each class of stock at year end. For Accounts 203.00 and 206.00, describe the agreement under which a conversion liability existed at end of year. For Account 208.00, provide an explanation of the origin and purpose of each donation. For Account 212.00, state each class and series of capital stock with an outstanding installment at year end. For Account 207.00, state the class and series of stock giving rise to the premium. Provide a brief explanation of any premiums arising from transactions with associated companies. If additional information is required for adequate disclosure, use data field 4, Particulars. (IDDESC)
3	Balance End of Year (N10) DOL: Enter the balance end of year associated with the item listed in data field 2 above.
4	Particulars (A60): Enter the number of shares at year end, if applicable. (IDDESC)

Accounts 252.10 - 252.30

For respondents with more than one utility department, report information on customer advances by departments.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
3	Balance End of Year (N10) DOL: Enter the balance of customer advances at the end of year for each account listed in data field 1 above.

Account 419.00

Report information on interest and dividend income.

Interest and dividend items in amounts of less than $10,000 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data field 3.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): Income from investments included in Accounts 123.00, 124.00 and 136.00, should be grouped and listed in this data field as: Income from Investments - Accounts 123.00 and 124.00 Income from Investments - Account 136.00 Provide a description of any other income or expense items included in Account 419.00. (IDDESC)
3	Amount for Year (N10) DOL.

Account 421.00

Report information on miscellaneous nonoperating income.

Amounts of less than $10,000 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data field 3.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): Provide a description of each miscellaneous nonoperating income and/or expense item. (IDDESC)
3	Amount for Year (N10) DOL.

Accounts 421.10, 421.20

Report information related to disposition of property.

Individual gain or losses relating to property with an original cost of less than $50,000 may be grouped with the number of items in data field 2.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)

Data Field Number	Instructions
2 (Key)	Description (A50): Provide a brief description of the location of property (city and state) and original cost of property disposed of during the year. (IDDESC)
3	Amount for Year (N10) DOL: Enter amount of gain or loss associated with the disposition of property reported in data field 2 above.
4	Particulars (A60): Enter the name of the party acquiring the property, when acquired by another utility or an associated-company. Enter the classification of the property prior to its disposition (in-service, future use nonutility, etc.) Also enter the date of Commission approval of journal entries when approval is required, i.e., Commission approval 5.10.75. Where approval is required but has not been received, provide an explanation. (IDDESC)

Account 425.00

Report information on miscellaneous amortization.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Description (A50): Describe the nature of items being amortized. (IDDESC)
3	Amount for Year (N10) DOL: Enter the total amount amortization charges for the year for each item listed in data field 2 above.
4	Particulars (A60): Enter the period of amortization for any item listed in data field 2 above. (IDDESC)

Accounts 426.10, 426.20, 426.30, & 426.50

Report information on miscellaneous income deduction accounts.

Amounts of less than $1,000 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data field 3.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTNL)
2 (Key)	Description (A50): Report the nature of the income deduction and the payee. (IDDESC)

Data Field Number	Instructions
3	Amount for Year (N10) DOL.

Accounts 426.41 - 426.46

Report all expenditures incurred by the respondent during the year for the purpose of influencing public opinion with respect to the election or appointment of public officials, referenda, legislation or ordinances (either with respect to the possible adoption of new referenda, legislation or ordinances or repeal or modification of existing referenda, legislation or ordinances); approval, modification, or revocation of franchises; or for the purpose of influencing the decisions of public officials which are accounted for as Other Income Deductions, Expenditures for Certain Civic, Political and Related Activities; Account 426.40.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
2 (Key)	Description (A50): Indicate the nature and purpose of the activity. (IDDESC)
3	Amount for Year (N10) DOL.

Account 430.00

Report information related to interest on associated company debt.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): List the name of the associated company, the type of debt involved and interest rate: (IDDESC) Jones Company - Advance - 6% Ace Company - Note - 8%
3	Amount for Year (N10) DOL.

Account 431.00

Report information on other interest expense.

Amounts of less than $10,000 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data field 3.

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Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Describe the nature of the selected debt or other interest expense item. Include also the interest rate, if not provided elsewhere in this filing. Examples: (IDDESC) Customer Deposits - 7% Notes Payable - Banks - 8-9% Notes Payable - Commercial Paper - 7% Notes Payable - Other Other
3	Amount for Year (N10) DOL.

Account 436.00

Report information on appropriations of retained earnings made during the year.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): State purpose of any appropriation of retained earnings made during the year. (IDDESC)
3	Amount for Year (N10) DOL.

Account 813.00

Natural Gas respondents only report information on other gas supply expenses.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): Provide a description of the nature of the other gas supply expense item. (IDDESC)
3	Amount for Year (N10) DOL.

Account 858.00

Natural Gas respondents only report information on expenses paid for transmission and compression of gas by others.

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R&S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0163	DETAILED ACCOUNT DATA - PART III	9 of 9

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTML)
2 (Key)	Description (A50): State name of company and a description of the service performed. (IDDESC)
3	Amount for Year (N10) DOL.

Accounts 930.30 - 930.60

Report information on miscellaneous general expenses.

For Accounts 930.30 - 930.50, complete data fields 1 and 3 only.

Account 930.50, Stockholder Expenses, includes publishing and distributing information to stockholders.

For Account 930.60, list separately in data field 2 each item of miscellaneous other expense of $500 or more. Amounts of less than $500 may be grouped. For grouped items, enter the word "Other" in data field 2 with the number of items grouped, i.e., Other (12). Report data for the grouped items in data field 3.

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Refer to General Information, II-B. (ACCTML)
2 (Key)	Description (A50): Describe each item of miscellaneous other expenses. (IDDESC)
3	Amount for Year (N10) DOL.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0168	GAS PURCHASES	1 of 4

I. DESCRIPTION

This schedule is used to collect data relating to gas purchases during the year.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas respondents.

B. Respondents shall complete all appropriate data fields on this schedule annually.

C. Class A and Class B Natural Gas respondents are to report information according to the following accounts:

Uniform System of Accounts	Supplemental Accounts	Description
800.00		Natural gas well head purchases
801.00		Natural gas field line purchases
802.00		Natural gas gasoline plant outlet purchases
803.00		Natural gas transmission line purchases
804.00		Natural gas city gate purchases
805.00		Other gas purchases

Class C Natural Gas respondents report information according to the following accounts:

	730.01	Natural gas purchases - well head
	730.02	Natural gas purchases - field line
	730.03	Natural gas purchases - gasoline plant outlet
	730.04	Natural gas purchases - other
731.00		Other gas purchases

Class D Natural Gas respondents report information according to the following accounts:

730.00	Natural gas purchases
731.00	Other gas purchases

D. For Class A and Class B respondents, purchases of less than 100,000 MCF per year per contract from sellers not affiliated with the reporting company shall be grouped by account number according to jurisdictional and nonjurisdictional sales, except when the purchases were permanently discontinued during the reporting year. The number of purchases so grouped under each category shall be noted in a footnote. For example, Other Jurisdictional (10) or Other Nonjurisdicational (5).

E. For Class C and Class D respondents, field purchases of less than $25,000 per year from individual non-associated vendors shall be grouped by fields or production areas. For Class C and Class D respondents where purchases are from unitized fields or vendor is a partnership or joint interest arrangement, specify such fact in a footnote and give name of unit operator, principal partner, or largest owner of joint interest, as appropriate.

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R S	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0168	GAS PURCHASES	2 of 4

F. Report gas quantity in MMCF rounded to three decimal places at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit. If the reported gas quantity is an estimated value, state such fact in a footnote.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): (ACCTNL)
2 (Key)	Seller Code (N6): All respondents, enter the seller code, from the Register of Data Standards, IDRESP.
3	Et Al. Indicator (N1): Enter "1" to indicate that an et al. party is involved; otherwise, enter "0". If an et al. party is involved, the seller identified by data field 2 above should be the principle party.
4	State Abbreviation (A2): Class A and Class B respondents, enter the abbreviation, from the Register of Data Standards, IDSTAT, to designate the state where the gas is received. For Class C and Class D respondents, report the state abbreviation for well head or field line purchases.
5	County Code (N3): Class A and Class B respondents, enter the code, from the Register of Data Standards, IDCNTY, to designate the county where the gas is received. If the gas is received in more than one county, use the code designation for the county receiving the largest volume of gas. For Class C and Class D respondents, report the county code for well head or field line purchases.
6	Name of Producing Field or Plant (A26): Class A and Class B respondents, enter the name of the producing field if using Accounts 800.00 and 801.00. Class A and Class B respondents also, report the name of the field or plant contributing the largest volume of gas if purchases under a contract are from more than one field or plant. For Class C respondents, report the gas field or production for well head or field line purchases. (IDGFPL)
7	Associated Company Indicator (N1): All respondents, enter "1" in this data field if the seller is an associated company; if not, enter "0". (INYONO)

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0168	GAS PURCHASES	3 of 4

Data Field Number	Instructions
8	Rate Schedule Number (All): For Class A, Class B, Class C and Class D respondents, report the assigned Federal Power Commission rate schedule number or small producer certificate docket number. If a sale is nonjurisdictional, enter "999" in this data field. For Class C and Class D respondents, intrastate purchases for which there is no required filing of a Federal Power Commission rate schedule shall be specified as "intrast". If for any purchase more than one rate schedule was in effect during the year, show the most recent rate schedule designation and in a footnote give superceded rate schedules and date of supersession or a succinct explanation. The operator's rate schedule designation is sufficient in cases where there are co-owners under the same purchase contract, but the entire volume of gas and amount, data fields 12 and 13 below, must be shown for the purchases under the particular contract. Rate schedule designations are not required with respect to small purchases grouped as permitted by General Information, II-D. (IDRATE)
9	Net Rate Effective December 31st of Report Year (N3.2) CTS/MCF: All respondents, state the average net rate in cents per MCF (rounded to two decimal places) as of December 31st, for the reported year, applicable to the volume shown in data field 12 below. The net rate includes all additive charges and tax reimbursements and is net of all applicable deductions and downward adjustments. The rate is effective if filed pursuant to applicable statutes and regulations and (as to Federal Power Commission rate schedules) permitted by the Commission to become effective.
10	Date of Current Contract (N6): All respondents, enter the date in the format MMDDYY, of the gas purchase contract. For Class A and Class B, show the date of the original contract if gas is purchased under a renegotiated contract. If new acreage is dedicated by ratification of an existing contract show the date of the ratification, rather than the date of the original contract. If gas is being sold from a different reservoir than the original dedicated acreage pursuant to Section 2.56 (f) (2) of the Commission's Rules of Practice and Procedure, report the original contract date as per usual practice. (TMDATE)
11	Approximate BTU Per Cubic Foot (N4) BTU/CF: All respondents, enter for each purchase the approximate BTU per cubic foot, determined in accordance with the definition of BTU per cubic foot of the General Instructions for this packet of schedules.

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(3-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0168	GAS PURCHASES	4 of 4

Data Field Number	Instructions
12	Quantity of Gas Purchased (N9.3) MMCF: All respondents, report the volume of purchased gas finally measured for the purpose of determining the amount payable for the gas. Include current year receipts of make-up gas that was paid for in prior years. Report gas in MMCF rounded to three decimal places.
13	Cost of Gas (N9) DOL: All respondents, state the amount paid and previously paid for the volumes of gas shown in data field 12 above.

FPC Form 131
(3-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0181	GAS ACCOUNT - NATURAL GAS	1 of 2

I. DESCRIPTION

This schedule is used to collect data on total quantities of natural gas received and delivered during the year.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class A, Class B, Class C and Class D Natural Gas Pipeline respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. Information on natural gas quantities received and delivered shall be reported by utilizing to the extent possible the appropriate Uniform System of Account numbers which were used to record the related cost. In addition, Supplemental Account numbers have been developed to handle instances where no Uniform System of Account numbers formerly existed. The following accounts shall be reported:

Uniform System of Accounts	Supplemental Accounts	Description	Receipts (Data Field 2)	Deliveries (Data Field 3)
	478.00	Natural gas produced	X	
	479.00	LPG & manufactured gas produced	X	
800.00		Natural gas well head purchases	X	
801.00		Natural gas field line purchases	X	
802.00		Natural gas gasoline plant outlet purchases	X	
803.00		Natural gas transmission line purchases	X	
804.00		Natural gas city gate purchases	X	
805.00		Other gas purchases	X	
806.00		Exchange gas	X	X
808.00		Gas withdrawn from storage - Debit	X	
809.00		Gas delivered to storage - Credit		X
810.00		Gas used for compression station fuel - Credit		X
811.00		Gas used for products extraction - Credit		X
812.00		Gas used for other utility operation - Credit		X
858.00		Transmission and compression of gas by others	X	X
927.00		Franchise requirements	X	X
480.00		Residential sales		X
	481.10	Commercial and industrial sales - small or commercial		X
	481.20	Commercial and industrial sales - large or industrial		X
482.00		Other sales to public authority		X
483.00		Sales for resale		X
484.00		Interdepartmental sales		X

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RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0181	GAS ACCOUNT - NATURAL GAS	2 of 2

Uniform System of Accounts	Supplemental Accounts	Description	Receipts (Data Field 2)	Deliveries (Data Field 3)
489.00		Revenues from transportation of gas of others	X	X
	940.00	Unaccounted for gas - total	X	X
	941.00	Unaccounted for gas - production system	X	X
	942.00	Unaccounted for gas - storage system	X	X
	943.00	Unaccounted for gas - transmission system	X	X
	944.00	Unaccounted for gas - distribution system	X	X
	945.00	Unaccounted for gas - other	X	X
	946.00	Other receipts/deliveries	X	X
	947.00	Total Gas Quantity	X	X

D. Class A and Class B respondents shall report utilizing all of the above accounts. Class C and Class D respondents shall report only Accounts 478.00, 946.00, and 940.00 through 945.00.

E. Report gas quantity in MMCF rounded to three decimal places, at a uniform pressure base of 14.73 PSIA at 60° Fahrenheit. If the reported gas quantity is an estimated value, state such fact in a footnote.

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): Enter the account number, from the Register of Data Standards, ACCTML, and General Information, II-C above.
2 (Key)	Quantity Received (N9.3) MMCF: Enter the quantity of gas received, in MMCF rounded to three decimal places.
3 (Key)	Quantity Delivered (N9.3) MMCF: Enter the quantity of gas delivered, in MMCF rounded to three decimal places.

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(5-76)

FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: ACCUMULATED PROVISION FOR DEPRECIATION, DEPLETION, AND AMORTIZATION OF UTILITY PLANT
SCHEDULE 0188

1 of 2

I. DESCRIPTION

This schedule is used to collect data relating to changes in accumulated provisions for depreciation, depletion and amortization of utility plants for the year according to utility departments.

II. GENERAL INFORMATION

A. This schedule shall be submitted by Class C and Class D Natural Gas and Electric respondents.

B. Respondents shall complete all data fields on this schedule annually.

C. The following Supplemental Account numbers are to be used as a means of grouping information for reporting purposes:

Uniform System of Accounts	Supplemental Accounts	Description
Natural Gas respondents		
	110.10	Accumulated provision for depreciation, depletion and amortization of utility plant - gas
	110.20	Accumulated provision for depreciation, depletion and amortization of utility plant - other
Electric respondents		
	110.10	Accumulated provision for depreciation, depletion and amortization of utility plant - electric
	110.20	Accumulated provision for depreciation, depletion and amortization of utility plant - other

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number:

Data Field Number	Instructions
1 (Key)	Account Number (N3.2): State the Supplemental Account number listed in General Information, II-C. (ACCTML)
2 (Key)	Total Depreciation Accruals for the Year (N8) DOL: Report the total amount accruals for the year.
3	Net Charges for Plant Retired During Year (N8) DOL: State the net charges for plant retired, to include: book cost of plant, salvage and cost of removal.
4	Other Items - Net (N8) DOL: State the net amount of any other entries to the reserve during the year.

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(3-76)

FEDERAL POWER COMMISSION
REGULATORY INFORMATION SYSTEM

DETAILED INSTRUCTIONS: ACCUMULATED PROVISION FOR DEPRECIATION DEPLETION, AND AMORTIZATION OF UTILITY PLANT
SCHEDULE 0188

2 of 2

Data Field Number	Instructions
5	Balance End of Year (N8) DOL: State the accumulated provision balance at the end of the year.
6 (Key)	Description of Other Debit/Credit (A40): Provide a description for each entry included in data field 4 above. (IDDESC)
7	Other Debit Items (N7) DOL: Enter the amount related to the debit item described in data field 6 above.
8	Other Credit Items (N7) DOL: Enter the amount related to the credit item described in data field 6 above.

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(3-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0000	FOOTNOTES TO FPC PUBLIC USE SCHEDULES	1 of 2

I. DESCRIPTION

This schedule is used to collect the text for all footnote references for a respondent submission.

II. GENERAL INFORMATION

A. This schedule shall be submitted when applicable by all respondents for reporting footnotes to FPC Public Use Schedules.

B. The footnote reference numbers must be unique within a particular submission.

C. The respondent has to indicate two major types of footnotes.

1. General Footnote - The General Footnote can refer to either the entire schedule or one data field on the schedule, i.e. all data which is reported for data field 5 on the schedule not just one specific value for data field 5.

2. Specific Footnote - The Specific Footnote can refer either to an entire logical entry, i.e. group of related data which separates as an entity on a schedule or a data item within the logical entry.

The following entries are provided as an example:

Type Footnote	Data Field 2 (Footnote No.)	Data Field 3 (Ref. ID)
1. General Footnote		
a. Entire schedule	001	GEN
b. All data values for data field 5 entries on this schedule	001	005
All data values for data field 6 entries on this schedule	001	006
2. Specific Footnote		
a. Entire logical entry	002	GEN
b. Data item entry	002	004
	002	006
	002	008

III. DETAILED INSTRUCTIONS

The following data field-by-data field instructions are cross-referenced to the corresponding schedule layout by data field number.

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(5-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 0000	FOOTNOTES TO FPC PUBLIC USE SCHEDULES	2 of 2

Data Field Number	Instructions
1 (Key)	Schedule Number (N4): Enter the number of the schedule on which the footnote reference number was assigned, e.g., 0501 or 0505.
2 (Key)	Footnote Number (N3): Enter the unique footnote reference number from 001-999 for each particular submission.
3 (Key)	Reference Identification (A3): Enter "GEN" for Type 1a and 2a footnotes, i.e., footnotes that apply to the entire schedule (or to an entire logical entry) or enter the appropriate data field number for the specific data field value being footnoted (Type 1b or 2b).
4 (Key)	Line Sequence Number (N2): Enter 01, 02 etc., for each successive line of text.
5 (Key)	System Code (N6): This data field applies only to Electric respondents reporting data by system. Enter the six digit number code for the system, from the Register of Data Standards, IDSYST.
6 (Key)	Plant ID (N5): This data field applies only to Electric respondents reporting data by plant. Enter the five digit numeric code for the plant, from the Register of Data Standards, IDPLNT.
7 (Key)	Project Development Code (A5): This data field applies only to Electric respondents reporting data by license projects. Enter the five digit numeric code for the license project, from the Register of Data Standards, IDLPRJ.
8	Text (A72): Enter the text of the footnote. Use successive lines as required for text. Repeat Data Fields 1-3, 5 or 6 as applicable, and increment Data Field 4 (Line Sequence Number) by 1.

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(5-76)

RIS	FEDERAL POWER COMMISSION REGULATORY INFORMATION SYSTEM	
DETAILED INSTRUCTIONS: SCHEDULE 1000	SUPPORTING DOCUMENTATION	1 of 1

I. DESCRIPTION

This schedule is used to collect schedule related supporting documentation not required by the Public Use Schedules.

II. GENERAL INFORMATION

A. This schedule shall be submitted by any Federal Power Commission respondent who desires to provide supportive documentation or any additional information relating to the Public Use Schedules.

B. This schedule shall be completed only as deemed necessary by the respondent or where specifically requested by detailed instructions for other schedules.

FPC Form 131
(3-76)

Attachment D

FEDERAL POWER COMMISSION

Corporate and Financial Reports for Class C and Class D
Natural Gas Companies

Comparison and Cross-Reference of Proposed ORIS Schedules

with FPC's Annual Report Form No. 2-A

Proposed ORIS Schedule No.	Proposed ORIS Title	Replaces (whole or in part) Schedule Page No.	U. S. of A. Account No. Reference	Highlights of Proposed Changes from Previous Reporting Requirements
0101	General Corporate Information	1	-	Respondents will complete all data fields on this schedule in their first submission, and on subsequent submissions, respondents shall submit only appropriate changes, additions, or deletions.
0102	Control Over Respondent	1	-	Data to be filed on a one-time basis, see proposed 0101, above. Represents data required by last instruction on page 1 (old).
0104	Corporations Controlled by Respondent	2	-	Data to be filed on a one-time basis, see proposed 0101, above. Represents data required by last instruction on page 1 (old).
0105	Corporate Officers/ Directors	3	-	Data to be filed on a one-time basis, see proposed 0101 above. No apparent reporting requirement changes, only format.
0107	Security Holders and Voting Powers - Total	3	-	Data to be filed on a one-time basis, see above, proposed 0101. Present reporting requirements of page 3 and has been spread to this and the next two proposed schedules, in order to accomodate the data processing system. No reporting requirements changed, only format as described above.
0108	Security Holders and Voting Powers	3	-	Data to be filed on a one-time basis, see proposed 0101 above. Covers data presently required by page 3 instruction. No reporting requirement changes, only format.
0111	Notes to Security Holders and Voting Powers	3	-	Covers data presently required by page 3 instruction. No additional reporting requirements changes, only format.
0112	Notes to Financial Data	4, 5, 9	-	This schedule is proposed [illegible] for adequate disclosure to support the data presently reported on the pages listed in column 3 and on the new proposed schedules containing financial data. No new or additional requirement, only the format and location of the notes to various schedules is proposed.
0124	List of Accounts - Pt. IV			
	1. Balance Sheet Accounts	4, 5	101-299	Report only the balance end of year, by account number, for each account within the Uniform System of Accounts. Deleted the requirement for reporting Balance beginning of year and amount of increase or (decrease). Notes are to be reported at proposed 0112, detailed reporting by account in a few places which required aggregate reporting on old schedule. Supplemental Account numbers have been established for reporting purposes.
	2. Income Statement Accounts	8, 9	400-432, 433, 434-435	Report only the amount for the year, by account number. Deleted reporting of "Change from Prior Year." Supplemental account numbers have been established for reporting purposes.
	3. Retained Earnings Account	10	433, 436-439	Report only amount for year for each account listed. Details to be reported on proposed 0161.
	4. Others: a. Gas Operating Revenues	7	480-495	Report only amount for year for each account listed, details to be reported on proposed 0159.

- 2 -

Proposed ORIS Schedule No.	Proposed ORIS Title	Replaces (whole or in part) Schedule Page No.	U. S. of A. Account No. Reference	Highlights of Proposed Changes from Previous Reporting Requirements
0124	4. Others (Cont'd): b. Gas Operation Re- Maintenance Expense Acc't.	7	700-799, 900-949	Supplemental account numbers assigned for coding purposes. No new reporting requirements.
	5. Departmental Account	8, 9	400-411	Supplemental account numbers have been assigned to indicate the various departments, e.i. electric, gas, common, steam, other. Total for current year to be reported only. Deleted requirement for reporting "Change from Prior Year."
0132	Capital Stock	6	201, 204, 217	No new reporting requirements, only format.
0133	Long-Term Debt	6	221	No new reporting requirements, only format.
0141	Investment Tax Credits	15	-	Data to be filed on a one-time basis, with only changes, additions and [illegible] submitted thereafter, see proposed 0101, above. Information on the account for investment tax credits will be reported on proposed 0112.
0144	Plant In Service or All Utility Plants Class C and D - Part II	13	101-105, 107, 114, 116, 118, 300-399	Deleted reporting of balance beginning of year. Supplemental account numbers have been assigned to "total" for reporting purposes.
0159	Operating Revenues	7	480, 481, 483, 484	This schedule reports only quantity and number of customers. Supplemental account numbers assigned for reporting purposes. Changed the reporting of quantity of gas to MMcf at 14.73 psia at 60°F rounded to 3 decimal places.
0161	Detailed Account Data - Part I	10	215	No new reporting requirements, only format.
0162	Detailed Account Data - Part II	10, 16	216, 255, 437, 438, 439	No new reporting requirements, only format. Supplemental account numbers have been assigned for reporting purposes only of different departments. Balance beginning of year has been deleted.
0163	Detailed Account Data - Part III	10, 17	436, 426.4	Supplemental account numbers have been assigned to the 426.4 account for reporting purposes. Deleted requirement of reporting accounting entries for account 436.
0164	Gas Purchases	12	730, 731	Quantity reporting has been changed to Mcf at 14.73 psia at 60°F rounded to 3 decimal places. Class C will report by Account 731, Account 730 and supplemental account numbers 730.01 thru 730.04 (reporting purposes) and Class D will report by Account 730 only. There has been some clarifications made in the instructions for a better understanding of what is required to be reported.
0181	Gas Account - Natural Gas	14	-	Supplemental account numbers have been assigned for reporting purposes. Only required to report quantity of receipt of natural gas produced, other receipts/ deliveries and receipts/deliveries of unaccounted for gas. Quantity reporting is changed to MMcf at 14.73 psia at 60°F rounded to 3 decimal places.
0188	Accumulated Provision for Depreciation, Depletion and Amortization of Utility Plant	6	-	Supplemental account numbers have been assigned for reporting purposes. No new reporting requirements.

(The number of copies to be filed has been changed)
(from original and two to "original and four.")

Attachment E

FEDERAL POWER COMMISSION

Corporate and Financial Reports for Class C and Class D
Natural Gas Companies

FEDERAL POWER COMMISSION / REGULATORY INFORMATION SYSTEM

REGISTER OF DATA STANDARDS

DATA ITEMS

FORM NO. 155

DATA ITEM LIST MNEMONIC: ACGSCD

DATA ITEM LIST TITLE: FINANCIAL ACCOUNTS, GAS, C & D

DATA ITEM LIST DESCRIPTION: IDENTIFIES THE FINANCIAL ACCOUNTS COMPRISING THE UNIFORM SYSTEM OF ACCOUNTS AND RIS SUPPLEMENTARY ACCOUNTS (# ANNUAL ONLY, ## ANNUAL OR MONTHLY) FOR CLASS C & D GAS UTILITIES

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST:

	CODE
GAS PLANT IN SERVICE	101
GAS PLANT PURCHASED OR SOLE	102
GAS PLANT IN PROCESS OF RECLASSIFICATION	103
GAS PLANT LEASED TO OTHERS	104
GAS PLANT HELD FOR FUTURE USE	105
CONSTRUCTION WORK IN PROGRESS-GAS	107
ACCUMULATED PROVISION FOR DEPRECIATION, DEPLETION, AND...	110

(REST TO BE SUPPLIED WHEN FORM IS DUE.)

DATA ITEM LIST MNEMONIC: ACCTML

DATA ITEM LIST TITLE: FINANCIAL ACCOUNTS, MULTIPLE

DATA ITEM LIST DESCRIPTION: IDENTIFIES A MULTIPLE DATA ITEM FOR WHICH MORE THAN ONE DATA ITEM LIST MAY APPLY (SEE MULTIPLE LIST REFERENCES BELOW).

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST:
SEE THE FOLLOWING DATA ITEM LISTS AS APPLICABLE:

FINANCIAL ACCOUNTS, ELECTRIC A & B	ACELAB
FINANCIAL ACCOUNTS, ELECTRIC C & D	ACELCD
FINANCIAL ACCOUNTS, GAS A & B	ACGSAB
FINANCIAL ACCOUNTS, GAS C & D	ACGSCD
FINANCIAL ACCOUNTS, MUNICIPAL	ACMUNI
FINANCIAL ACCOUNTS, LICENSEE	ACLPRJ

DATA ITEM LIST MNEMONIC: IDCNTY

DATA ITEM LIST TITLE: ID, COUNTIES OF THE US.

DATA ITEM LIST DESCRIPTION: IDENTIFIES THE COUNTIES OF THE US. COUNTIES, AS FIRST ORDER SUBDIVISIONS OF MOST STATES, ARE CONSIDERED SYNONYMOUS WITH PARISH, BOROUGH, OR CENSUS DIVISION USED IN OTHERS. FOR RIS USE, THIS LIST IS SUPPLEMENTED WITH NATURAL GAS OFFSHORE AREAS.

DATA ITEM LIST SOURCE: FIPS PUB 6-2, SEP 15, 1973 AND FPC

DATA ITEM LIST:

	CODE	ABBREVIATION
OFFSHORE, STATE	00990	990
OFFSHORE, FEDERAL	00995	995
OFFSHORE, GENERAL	00999	999

(REST ARE FIPS)

DATA ITEM LIST MNEMONIC: IDRESP

DATA ITEM LIST TITLE: ID, FPC RESPONDENT AND OTHER PARTIES OF INTEREST

DATA ITEM LIST SOURCE: FPC STAFF

DATA ITEM LIST: (TO BE SUPPLIED WHEN FORM IS DUE.)

DATA ITEM LIST MNEMONIC: IDSTAT

DATA ITEM LIST TITLE: ID, STATES OF THE UNITED STATES

DATA ITEM LIST DESCRIPTION: IDENTIFIES THE 50 STATES, THE DISTRICT OF COLUMBIA, AND THE OUTLYING AREAS OF THE US, ALL OF WHICH ARE CONSIDERED FIRST ORDER SUBDIVISIONS OF THE US.

DATA ITEM LIST SOURCE: FIPS PUB 5-1, JUN 15, 1970

DATA ITEM LIST:

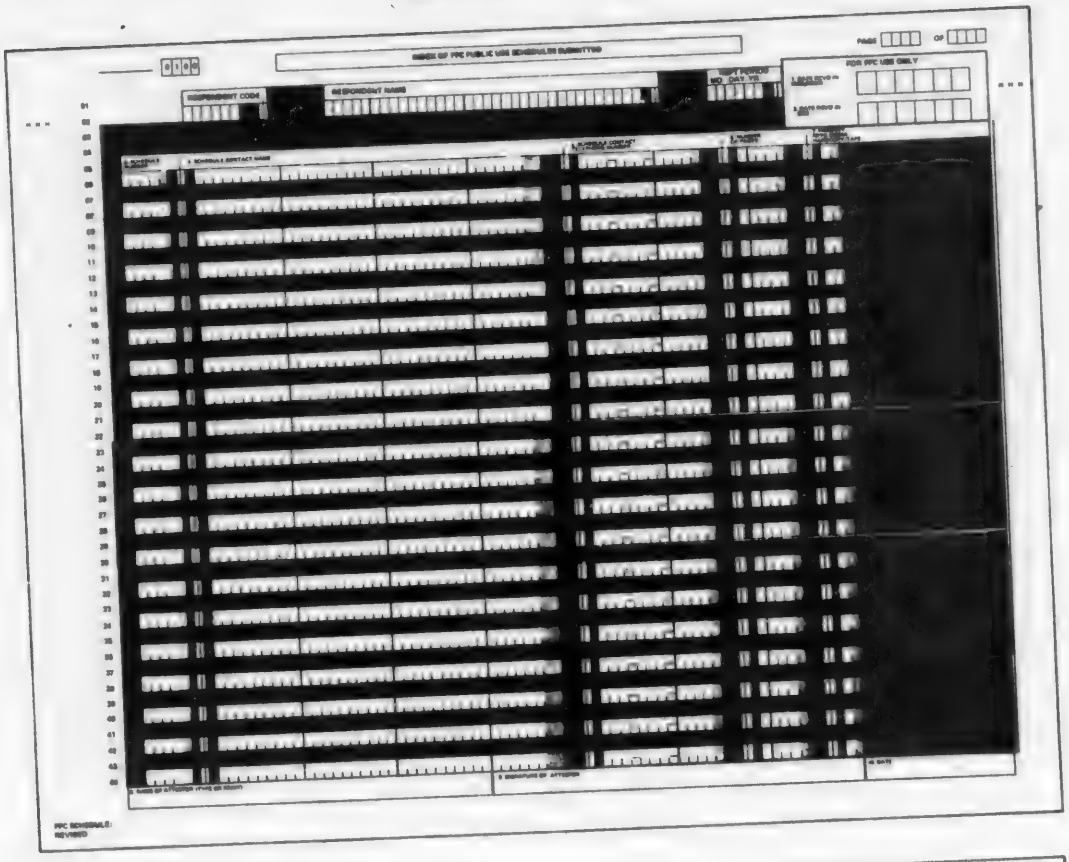
	CODE	ABBREVIATION
ALABAMA	01	AL
ALASKA	02	AK
AMERICAN SAMOA	03	AS
ARIZONA	04	AZ
ARKANSAS	05	AR
CALIFORNIA	06	CA
CANAL ZONE	07	CZ
COLORADO	08	CO

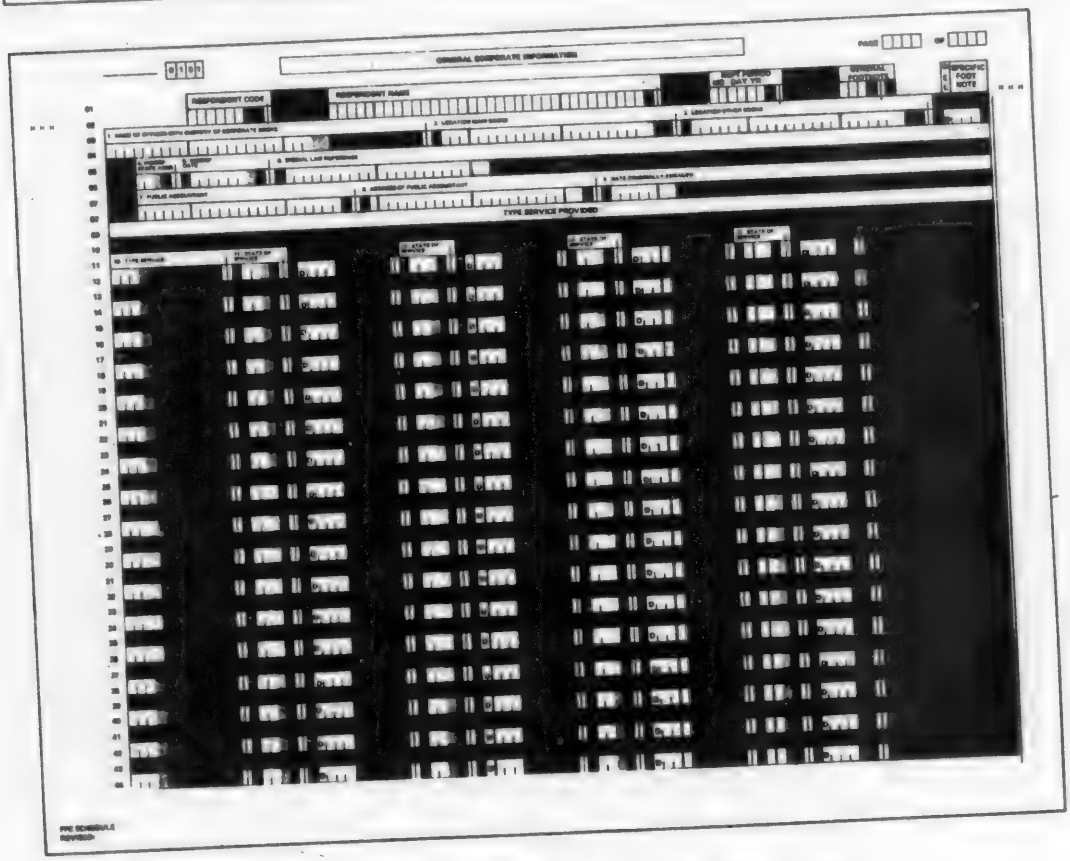
(REST TO BE SUPPLED WHEN FORM IS DUE.)

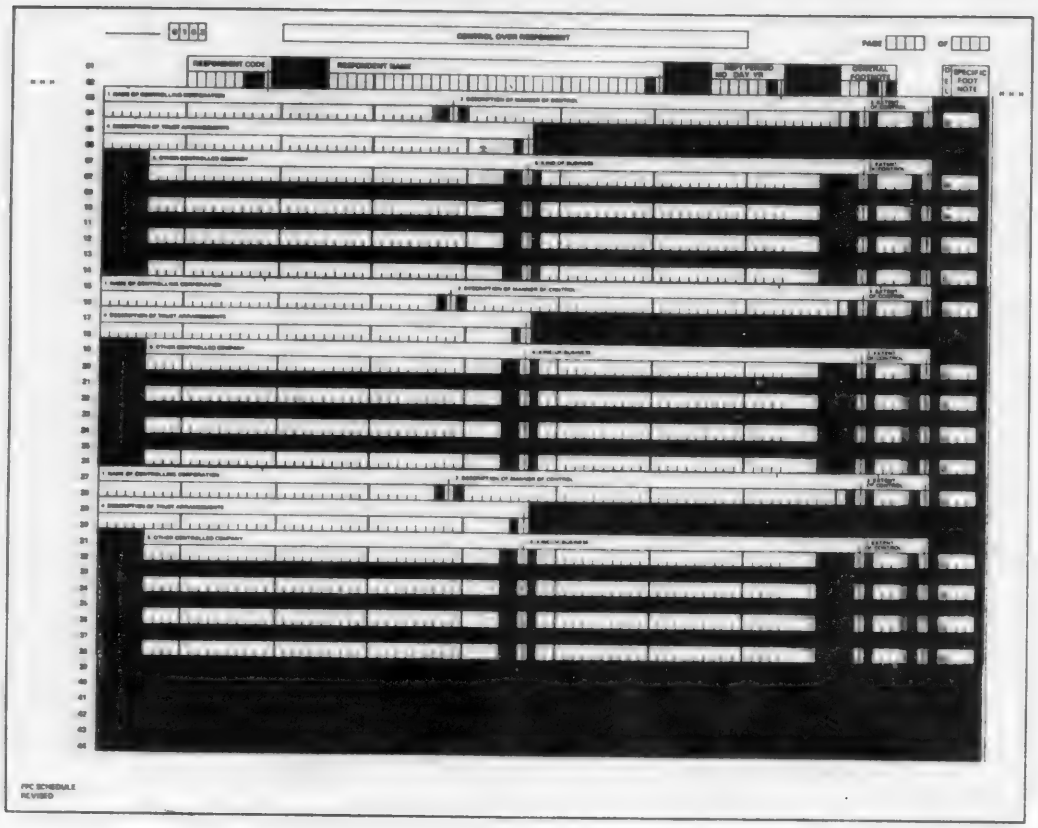
Attachment F

FEDERAL POWER COMMISSION

Corporate and Financial Reports for Class C and Class D
Natural Gas Companies



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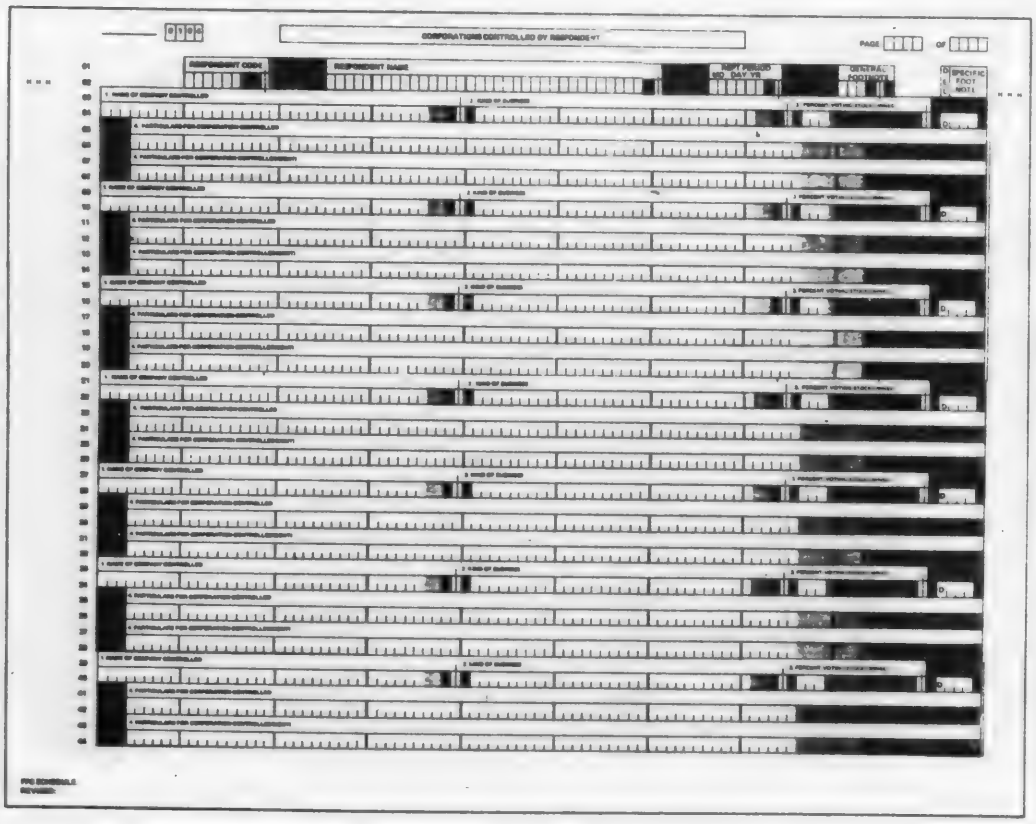
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CORPORATE OFFICERS/DIRECTORS
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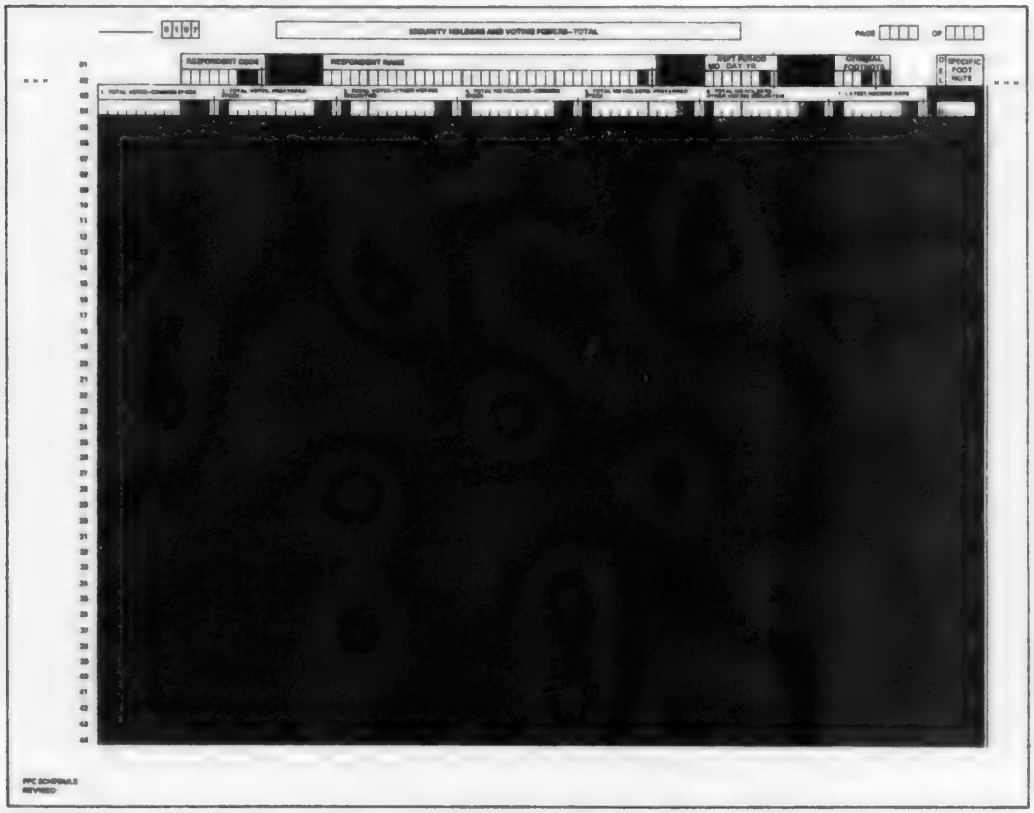
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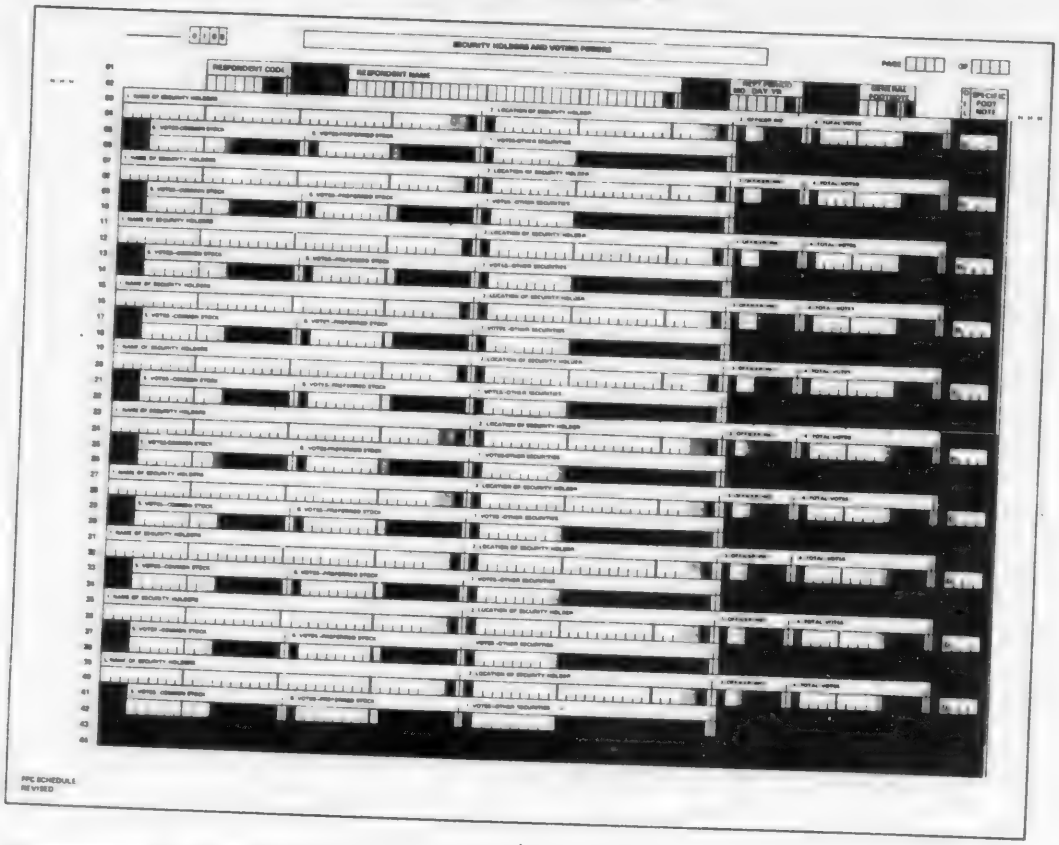
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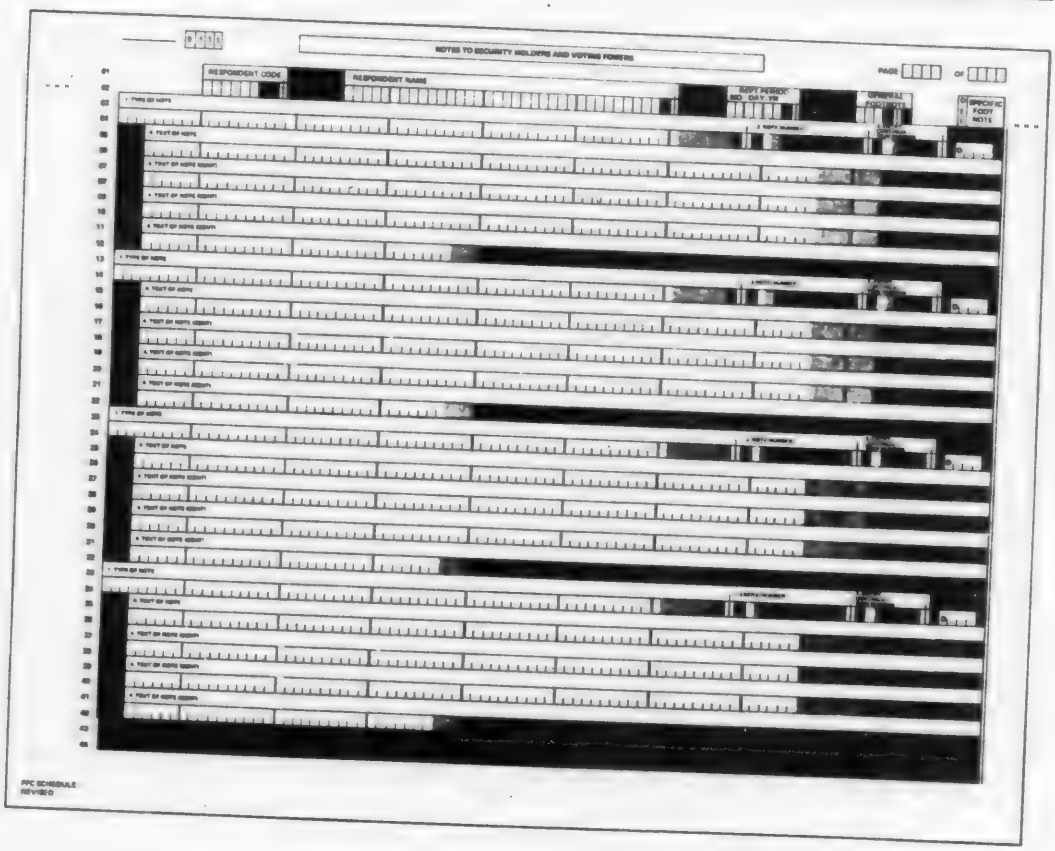
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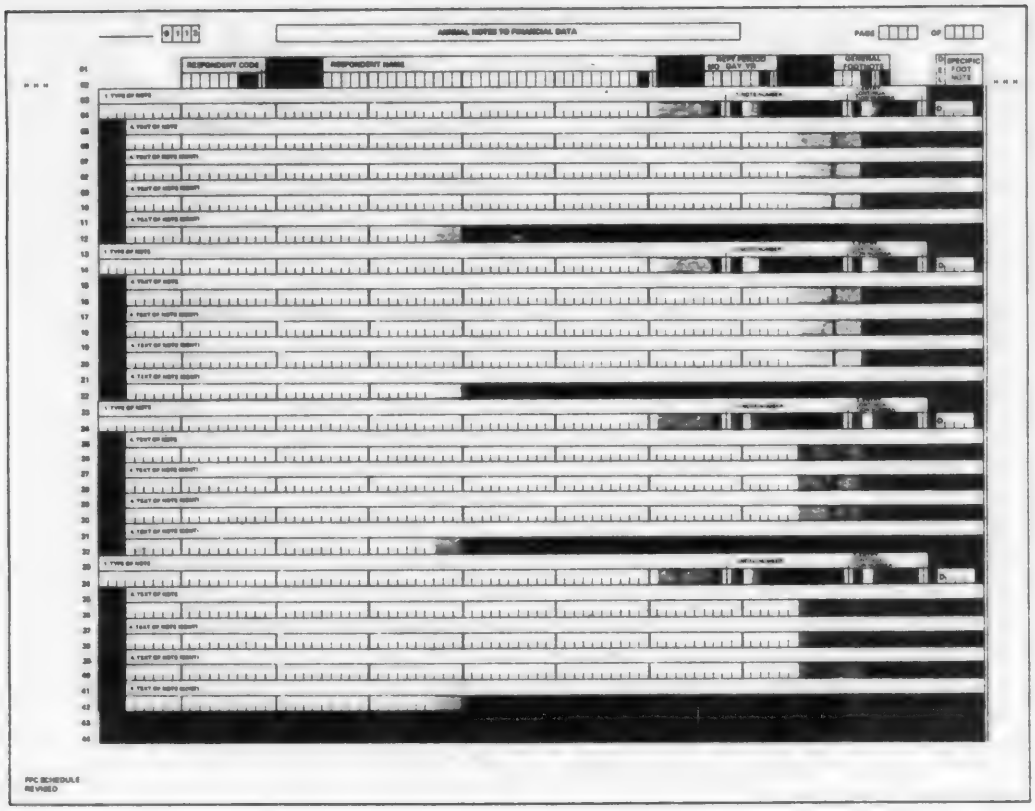
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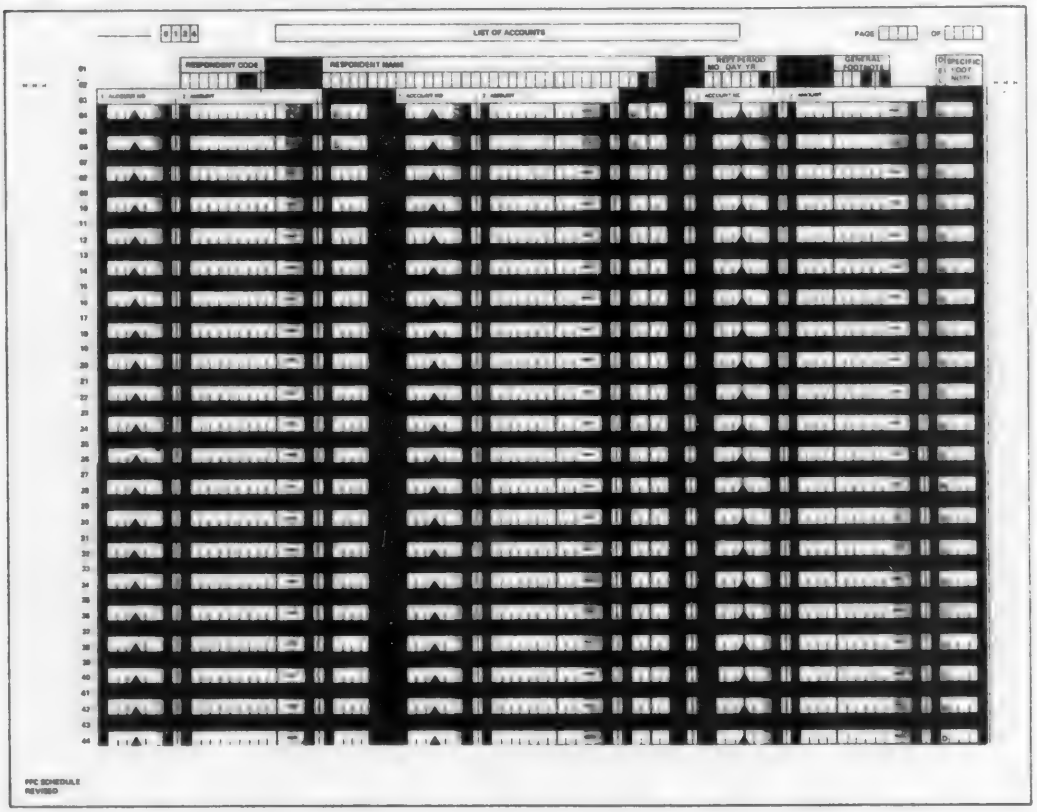
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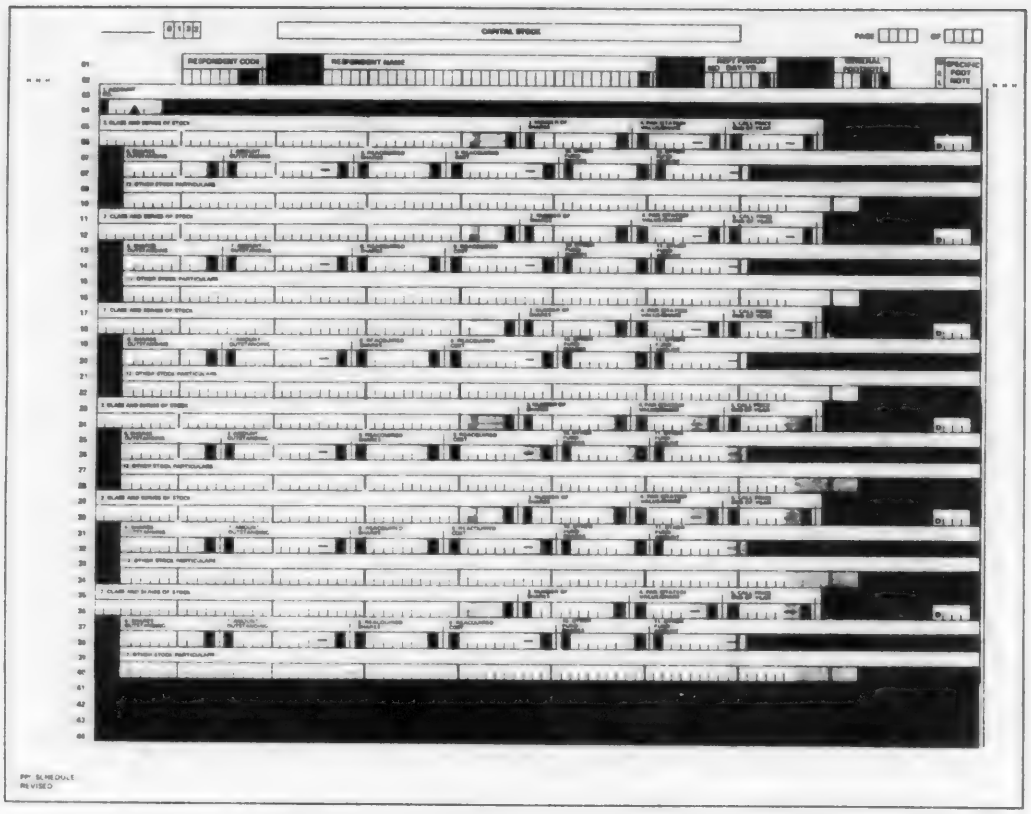
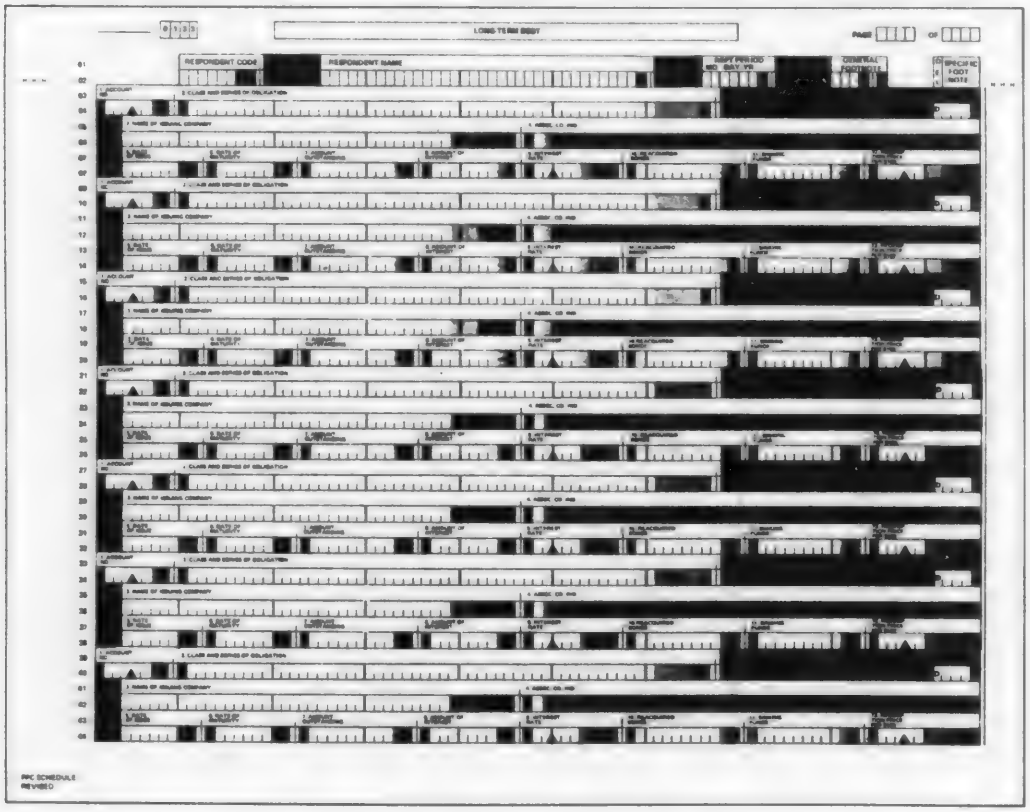
FPC SCHEDULE
REVISED


CAPITAL STOCK
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD MO. DAY YR
GENERAL FOOTNOTE
SPECIFIC FOOT NOTE
PAGE
OF
PP SCHEDULE REVISED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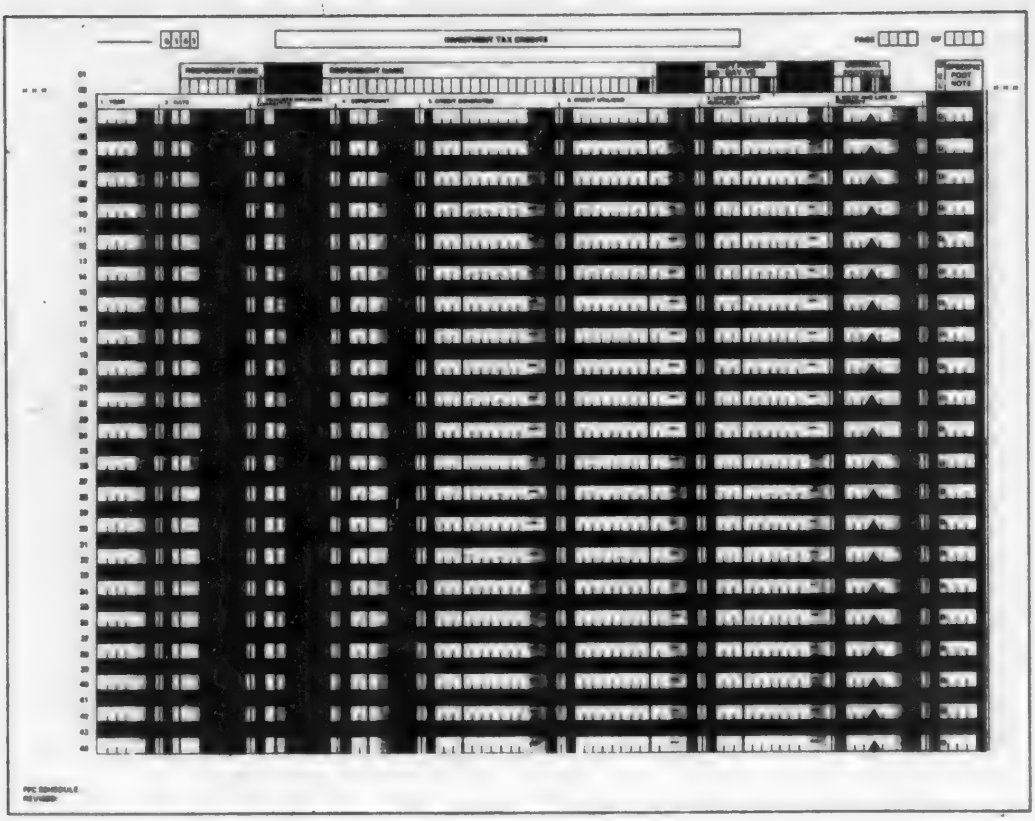
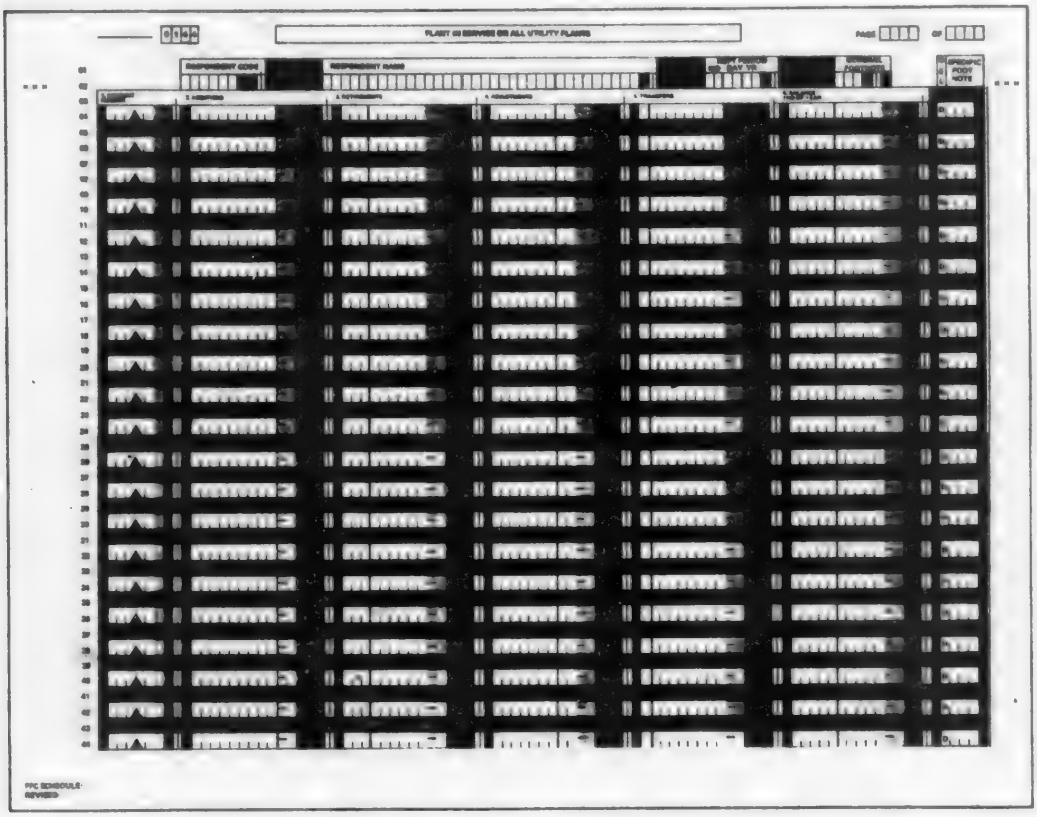
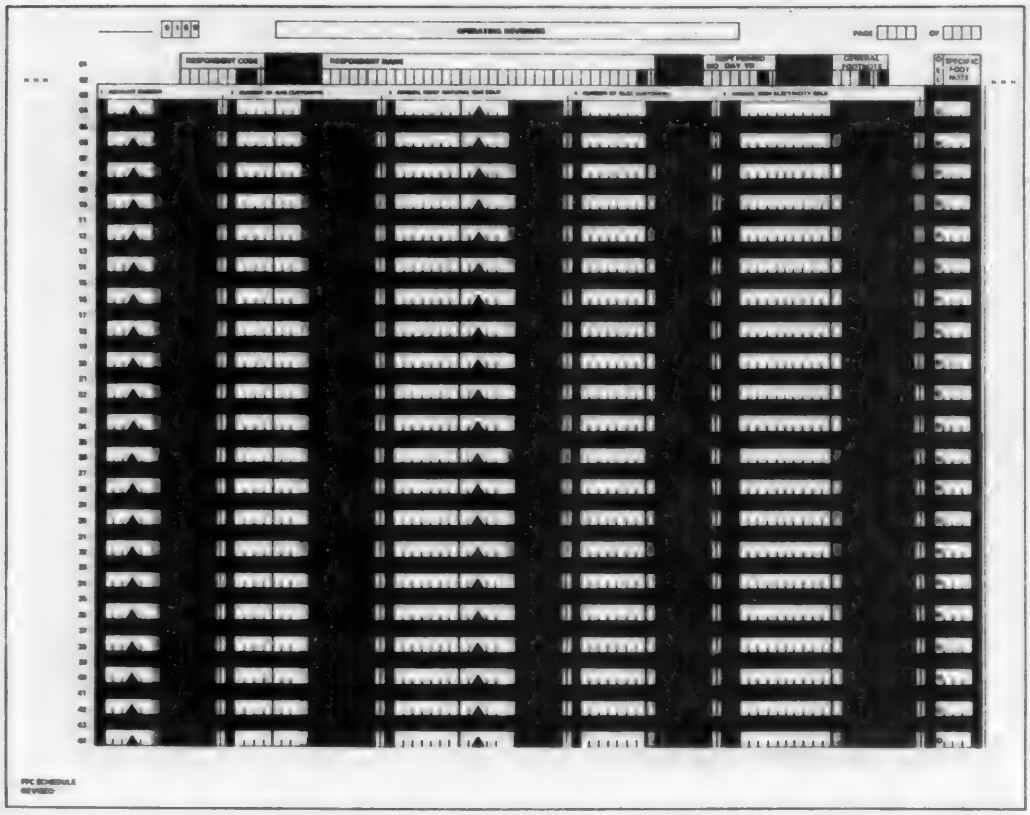
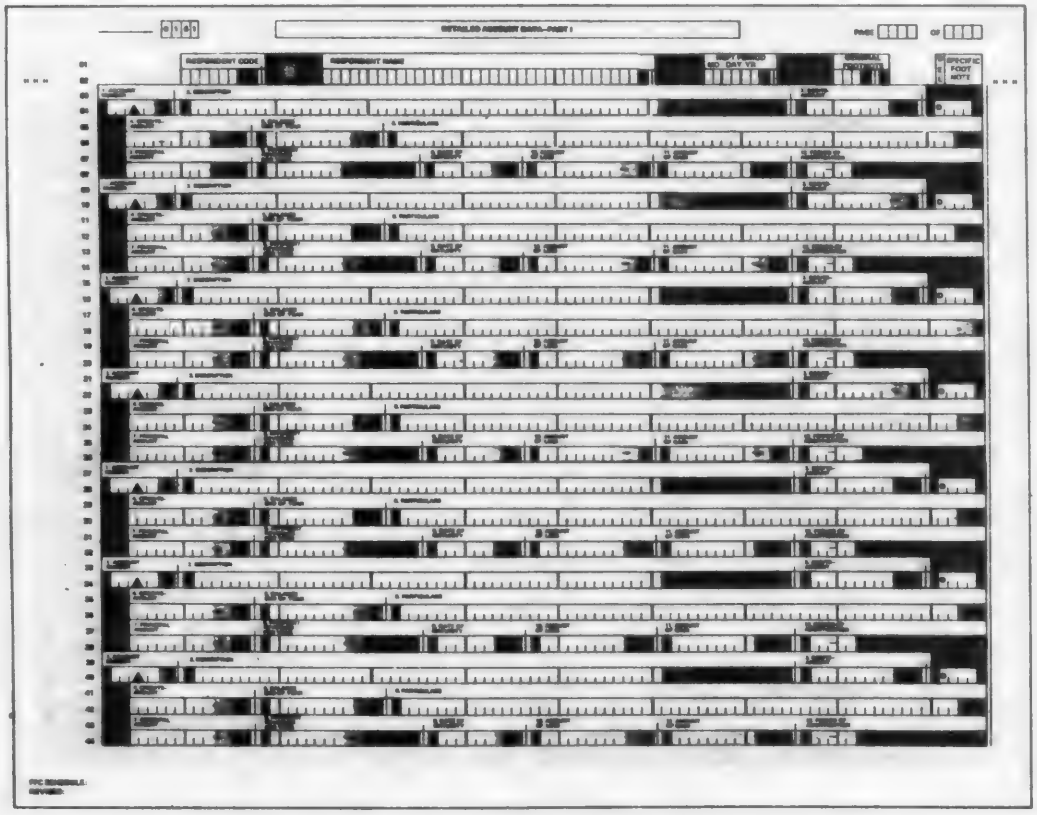
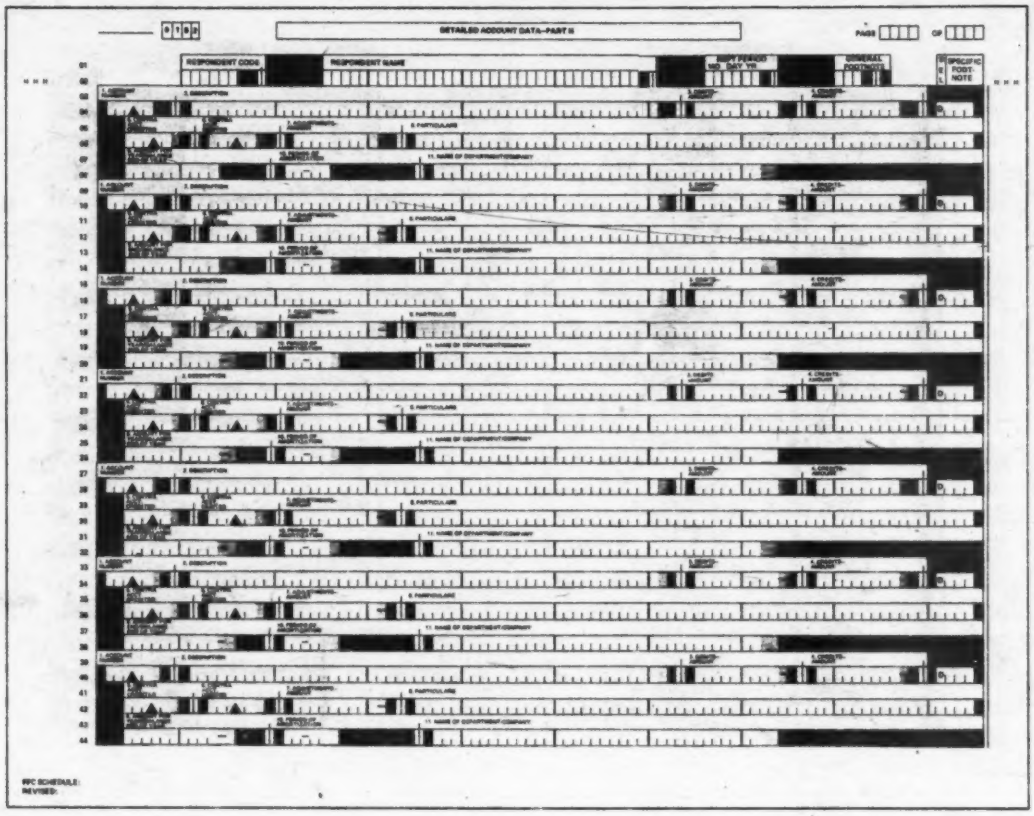
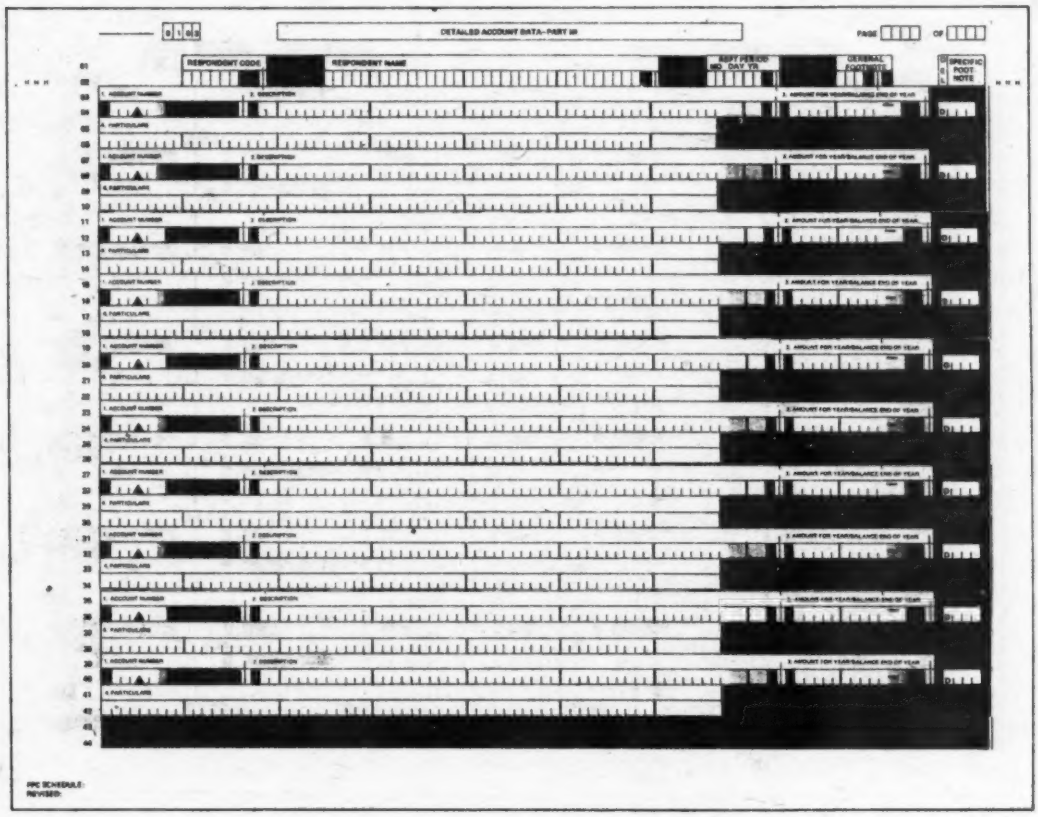









DETAILED ACCOUNT DATA—PART II
PAGE
OF
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD
MO. DAY YR.
GENERAL FOOTNOTE
SPECIFIC FOOT-NOTE
1. ACCOUNT NUMBER
2. DESCRIPTION
3. DEBITS-AMOUNT
4. CREDITS-AMOUNT
5. PARTICULARS
11. NAME OF DEPARTMENT/COMPANY
FPC SCHEDULE:
REVISED:


DETAILED ACCOUNT DATA—PART III
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OF
RESPONDENT CODE
RESPONDENT NAME
RPT PERIOD
MO. DAY YR.
GENERAL FOOTNOTE
SPECIFIC FOOT-NOTE
1. ACCOUNT NUMBER
2. DESCRIPTION
3. AMOUNT FOR YEAR/BALANCE END OF YEAR
4. PARTICULARS
FPC SCHEDULE:
REVISED:

GAS PURCHASES

PAGE ____ OF ____

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

1. ACCOUNT NUMBER
2. SELLER CODE | 3. ST AL INDICATION | 4. STATE AREA | 5. COUNTY CODE | 6. NAME OF PRODUCING FIELD OR PLANT | 7. ASSOCIATED COMPANY INDICATOR
8. RATE SCHEDULE NUMBER | 9. NET RATE | 10. DATE OF CURRENT CONTRACT | 11. BTU PER CU.FT. | 12. QTY GAS PURCHASED | 13. COST OF GAS

FPC SCHEDULE
REVISED

GAS ACCOUNT—NATURAL GAS

PAGE ____ OF ____

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO DAY YR | GENERAL FOOTNOTE | SPECIFIC FOOT NOTE

1. ACCOUNT NO | 2. QUANTITY RECEIVED MMCF | 3. QUANTITY DELIVERED MMCF | 1. ACCOUNT NO | 2. QUANTITY RECEIVED MMCF | 3. QUANTITY DELIVERED MMCF

FPC SCHEDULE
REVISED

1 0 0 0

SUPPORTING DOCUMENTATION

PAGE ____ OF ____

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO. DAY YR. | SCHED. REF. | PAGE REF.

NOTE: UTILIZE THE SPACE BELOW FOR NARRATIVE EXPLANATIONS, CHARTS, GRAPHS, MAPS, DIAGRAMS, OR OTHER DOCUMENTATION SUPPORTIVE OF THE SCHEDULE REFERENCED ABOVE. ATTACH THESE PAGES OR OUTSIZE DOCUMENTS TO THE APPROPRIATE SCHEDULE.

FPC SCHEDULE REVISED

0 1 9 0

ACCUMULATED PROVISION FOR DEPRECIATION, DEPLETION AND AMORTIZATION OF UTILITY PLANT

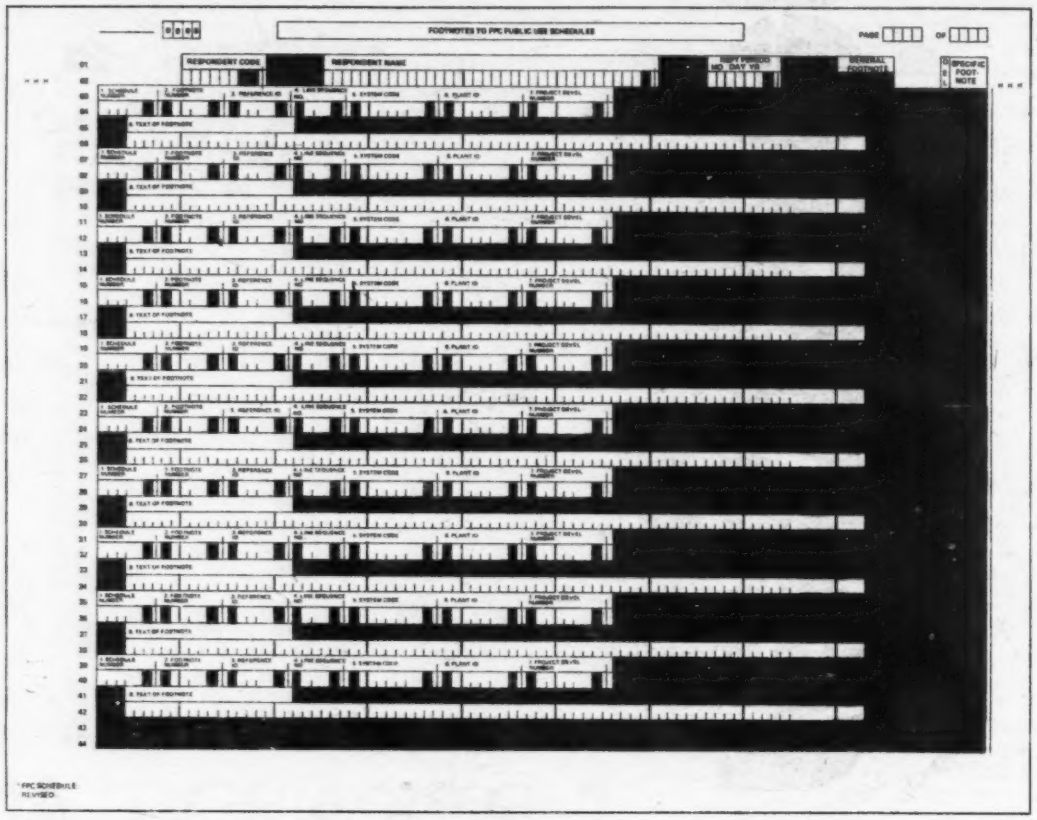
PAGE ____ OF ____

RESPONDENT CODE | RESPONDENT NAME | RPT PERIOD MO. DAY YR. | GENERAL FOOTNOTE | DEL | SPECIFIC FOOT NOTE

1. ACCOUNT NO. | 2. TOTAL DEPR. ACCRUALS THIS YR. | 3. NET CHARGES FOR PLANT RETIREMENTS YR. | 4. OTHER ITEMS - NET | 5. BALANCE END OF YEAR

6. DESCRIPTION OF OTHER DEBIT/CREDIT | 7. OTHER DEBIT ITEMS | 8. OTHER CREDIT ITEMS

FPC SCHEDULE REVISED



[FR Doc.76-23056 Filed 8-9-76;8:45 am]